Yongqiang Zhang

List of Publications by Year
in descending order

16	1,250	623188	940134
papers	citations	14 h-index	16 g-index

16	16	16	1764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three Colors Emission from S,N Coâ€doped Graphene Quantum Dots for Visible Light H₂ Production and Bioimaging. Advanced Optical Materials, 2015, 3, 360-367.	3.6	276
2	One-step microwave synthesis of N-doped hydroxyl-functionalized carbon dots with ultra-high fluorescence quantum yields. Nanoscale, 2016, 8, 15281-15287.	2.8	209
3	Solid-State Fluorescent Carbon Dots with Aggregation-Induced Yellow Emission for White Light-Emitting Diodes with High Luminous Efficiencies. ACS Applied Materials & Interfaces, 2019, 11, 24395-24403.	4.0	162
4	Toward Highly Luminescent and Stabilized Silica-Coated Perovskite Quantum Dots through Simply Mixing and Stirring under Room Temperature in Air. ACS Applied Materials & Interfaces, 2018, 10, 13053-13061.	4.0	115
5	Red-emitting, self-oxidizing carbon dots for the preparation of white LEDs with super-high color rendering index. Science China Chemistry, 2021, 64, 1547-1553.	4.2	103
6	Excitation Wavelength Independence: Toward Low-Threshold Amplified Spontaneous Emission from Carbon Nanodots. ACS Applied Materials & Interfaces, 2016, 8, 25454-25460.	4.0	75
7	Carbon Dots Exhibiting Concentration-Dependent Full-Visible-Spectrum Emission for Light-Emitting Diode Applications. ACS Applied Materials & Interfaces, 2019, 11, 46054-46061.	4.0	61
8	Solidâ€State Red Laser with a Single Longitudinal Mode from Carbon Dots. Angewandte Chemie - International Edition, 2021, 60, 25514-25521.	7.2	59
9	Facile Synthesis of Water-Stable Multicolor Carbonized Polymer Dots from a Single Unconjugated Glucose for Engineering White Light-Emitting Diodes with a High Color Rendering Index. ACS Applied Materials & Interfaces, 2021, 13, 30098-30105.	4.0	53
10	Efficient and Stable Red Emissive Carbon Nanoparticles with a Hollow Sphere Structure for White Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2016, 8, 31863-31870.	4.0	32
11	A self-quenching-resistant carbon nanodot powder with multicolored solid-state fluorescence for ultra-fast staining of various representative bacterial species within one minute. Nanoscale, 2016, 8, 19744-19753.	2.8	29
12	Identification of eight pathogenic microorganisms by single concentration-dependent multicolor carbon dots. Journal of Materials Chemistry B, 2020, 8, 5877-5882.	2.9	22
13	Efficient perovskite light-emitting diodes by film annealing temperature control. RSC Advances, 2016, 6, 71070-71075.	1.7	21
14	Single stain hyperspectral imaging for accurate fungal pathogens identification and quantification. Nano Research, 2022, 15, 6399-6406.	5.8	20
15	Solidâ€State Red Laser with a Single Longitudinal Mode from Carbon Dots. Angewandte Chemie, 2021, 133, 25718-25725.	1.6	9
16	Photoluminescence: Three Colors Emission from S,N Co-doped Graphene Quantum Dots for Visible Light H2Production and Bioimaging (Advanced Optical Materials 3/2015). Advanced Optical Materials, 2015, 3, 359-359.	3.6	4