

Meng Li Liu

List of Publications by Year in descending order

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18
papers

1,984
citations

566801

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839053

18
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docs citations

18
times ranked

2337
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances of carbon dots in imaging-guided theranostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116116.	5.8	38
2	Carbon dot-based composites for catalytic applications. <i>Green Chemistry</i> , 2020, 22, 4034-4054.	4.6	74
3	A single gold nanoprobe for colorimetric detection of silver(Ag^+) ions with dark-field microscopy. <i>Analyst</i> , 2019, 144, 2011-2016.	1.7	15
4	Carbon dots: synthesis, formation mechanism, fluorescence origin and sensing applications. <i>Green Chemistry</i> , 2019, 21, 449-471.	4.6	821
5	Fluorescent carbon dots functionalization. <i>Advances in Colloid and Interface Science</i> , 2019, 270, 165-190.	7.0	181
6	Metal-Mediated Gold Nanospheres Assembled for Dark-Field Microscopy Imaging Scatterometry. <i>Talanta</i> , 2019, 201, 280-285.	2.9	7
7	Anthrax biomarker: An ultrasensitive fluorescent ratiometry of dipicolinic acid by using terbium(III)-modified carbon dots. <i>Talanta</i> , 2019, 191, 443-448.	2.9	64
8	Terbium(III) Modified Fluorescent Carbon Dots for Highly Selective and Sensitive Ratiometry of Stringent. <i>Analytical Chemistry</i> , 2018, 90, 4003-4009.	3.2	106
9	Highly selective detection of phosphate ion based on a single-layered graphene quantum dots- Al_3^+ strategy. <i>Talanta</i> , 2018, 178, 172-177.	2.9	51
10	Cu-Doped carbon quantum dots with zigzag edge structures for highly efficient catalysis of azide-alkyne cycloadditions. <i>Green Chemistry</i> , 2017, 19, 1494-1498.	4.6	65
11	One-pot carbonization synthesis of europium-doped carbon quantum dots for highly selective detection of tetracycline. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 015003.	1.1	75
12	Dendritic CuSe with Hierarchical Side-Branched: Synthesis, Efficient Adsorption, and Enhanced Photocatalytic Activities under Daylight. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4154-4160.	3.2	54
13	Self-exothermic reaction prompted synthesis of single-layered graphene quantum dots at room temperature. <i>Chemical Communications</i> , 2017, 53, 4958-4961.	2.2	59
14	Boron and nitrogen co-doped single-layered graphene quantum dots: a high-affinity platform for visualizing the dynamic invasion of HIV DNA into living cells through fluorescence resonance energy transfer. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8719-8724.	2.9	48
15	Aptamer-modified selenium nanoparticles for dark-field microscopy imaging of nucleolin. <i>Chemical Communications</i> , 2017, 53, 13047-13050.	2.2	16
16	Large-scale simultaneous synthesis of highly photoluminescent green amorphous carbon nanodots and yellow crystalline graphene quantum dots at room temperature. <i>Green Chemistry</i> , 2017, 19, 3611-3617.	4.6	141
17	Highly selective and sensitive detection of 2,4,6-trinitrophenol by using newly developed blue-green photoluminescent carbon nanodots. <i>Talanta</i> , 2016, 161, 875-880.	2.9	51
18	A large-scale synthesis of photoluminescent carbon quantum dots: a self-exothermic reaction driving the formation of the nanocrystalline core at room temperature. <i>Green Chemistry</i> , 2016, 18, 5127-5132.	4.6	118