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## List of Publications by Year in descending order

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38  
papers

3,628  
citations

279798

23  
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38  
docs citations

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times ranked

5937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Au/graphene hydrogel: synthesis, characterization and its use for catalytic reduction of 4-nitrophenol. <i>Journal of Materials Chemistry</i> , 2012, 22, 8426.	6.7	817
2	Highly Luminescent Organosilane-Functionalized Carbon Dots. <i>Advanced Functional Materials</i> , 2011, 21, 1027-1031.	14.9	539
3	One-Step Synthesis of Highly Luminescent Carbon Dots in Noncoordinating Solvents. <i>Chemistry of Materials</i> , 2010, 22, 4528-4530.	6.7	367
4	Organic-Inorganic Hybrid Functional Carbon Dot Gel Glasses. <i>Advanced Materials</i> , 2012, 24, 1716-1721.	21.0	311
5	Ag/Graphene Heterostructures: Synthesis, Characterization and Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1244-1248.	2.0	279
6	A Novel One-Step Approach to Synthesize Fluorescent Carbon Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4411-4414.	2.0	221
7	Study on activities of vanadium (IV/V) doped TiO <sub>2</sub> (R) nanorods induced by UV and visible light. <i>Materials Chemistry and Physics</i> , 2009, 113, 551-557.	4.0	84
8	Synthesis and surface photochemistry of graphitized carbon quantum dots. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 416-421.	9.4	77
9	Solvothermal synthesis of ultralong single-crystalline TiO <sub>2</sub> nanowires. <i>New Journal of Chemistry</i> , 2005, 29, 969.	2.8	76
10	Electrochemical detection of hydroquinone by graphene and Pt-graphene hybrid material synthesized through a microwave-assisted chemical reduction process. <i>Electrochimica Acta</i> , 2011, 56, 2712-2716.	5.2	74
11	Graphitized carbon dots emitting strong green photoluminescence. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4902.	5.5	69
12	Hydrothermal synthesis of carbon/vanadium dioxide core-shell microspheres with good cycling performance in both organic and aqueous electrolytes. <i>Electrochimica Acta</i> , 2010, 55, 2662-2666.	5.2	67
13	Tri-isocyanate reinforced graphene aerogel and its use for crude oil adsorption. <i>Journal of Colloid and Interface Science</i> , 2012, 382, 13-16.	9.4	65
14	One step synthesis of uniform organic silver ink drawing directly on paper substrates. <i>Journal of Materials Chemistry</i> , 2012, 22, 23012.	6.7	63
15	Organic small molecule-assisted synthesis of high active TiO <sub>2</sub> rod-like mesocrystals. <i>CrystEngComm</i> , 2010, 12, 2073.	2.6	55
16	Down- and up-conversion luminescent carbon dot fluid: inkjet printing and gel glass fabrication. <i>Nanoscale</i> , 2014, 6, 3818.	5.6	54
17	VO <sub>2</sub> (B) nanospheres: Hydrothermal synthesis and electrochemical properties. <i>Materials Research Bulletin</i> , 2010, 45, 688-692.	5.2	50
18	The character of W-doped one-dimensional VO <sub>2</sub> (M). <i>Journal of Solid State Chemistry</i> , 2009, 182, 2835-2839.	2.9	39

#	ARTICLE	IF	CITATIONS
19	Plasmon-enhanced photoluminescence of carbon dots-silica hybrid mesoporous spheres. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2881-2885.	5.5	35
20	Facile Synthesis of Anatase-Brookite Mixed-Phase N-Doped TiO <sub>2</sub> Nanoparticles with High Visible-Light Photocatalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3727-3733.	2.0	31
21	Copper inks formed using short carbon chain organic Cu-precursors. <i>RSC Advances</i> , 2014, 4, 60144-60147.	3.6	29
22	Room temperature synthesis of nearly monodisperse rodlike rutile TiO <sub>2</sub> nanocrystals. <i>Materials Letters</i> , 2009, 63, 127-129.	2.6	25
23	Synthesis and surface plasmon resonance properties of carbon-coated Cu and Co nanoparticles. <i>Materials Research Bulletin</i> , 2011, 46, 743-747.	5.2	25
24	Effects of carboxylic acids on the microstructure and performance of titania nanocrystals. <i>Chemical Engineering Journal</i> , 2008, 138, 596-601.	12.7	24
25	Silver/carbon-quantum-dot plasmonic luminescent nanoparticles. <i>New Journal of Chemistry</i> , 2011, 35, 554.	2.8	21
26	Microstructure and electrical property of copper films on a flexible substrate formed by an organic ink with 9.6Å% of Cu content. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 8973-8982.	2.2	19
27	The effective removal of Cr( <sup>vi</sup> ) ions by carbon dot-silica hybrids driven by visible light. <i>RSC Advances</i> , 2016, 6, 68530-68537.	3.6	15
28	Plus green emission of ZnO nanorods induced by Ce <sup>3+</sup> doping and concentration. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 195, 151-155.	3.9	14
29	Multi-component in situ and in-step formation of visible-light response C-dots composite TiO <sub>2</sub> mesocrystals. <i>RSC Advances</i> , 2016, 6, 14306-14313.	3.6	14
30	Amphiphilic Carbon Dots with Excitation-Independent Double-Emissions. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000146.	2.3	13
31	Molten salt synthesis and localized surface plasmon resonance study of vanadium dioxide nanopowders. <i>Journal of Solid State Chemistry</i> , 2009, 182, 3249-3253.	2.9	10
32	Use of bmimCl Ionic Liquid for Porous Rutile TiO <sub>2</sub> Nanostructures with Different Morphologies. <i>Journal of the American Ceramic Society</i> , 2010, 93, 1845-1847.	3.8	9
33	Preparation and characterisation of multifunctional magnetic-fluorescent Fe <sub>3</sub> O <sub>4</sub> /carbon dots/silica composites. <i>Micro and Nano Letters</i> , 2013, 8, 302-304.	1.3	8
34	Construction of needle-like crystalline AgO ordered structures from Ag nanoparticles and their properties. <i>New Journal of Chemistry</i> , 2018, 42, 5376-5381.	2.8	8
35	Luminescence modulation of carbon dots assemblies. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6337-6343.	5.5	8
36	Dual emissive amphiphilic carbon dots as ratiometric fluorescent probes for the determination of critical micelle concentration of surfactants. <i>Analytical Methods</i> , 2022, 14, 672-677.	2.7	7

#	ARTICLE	IF	CITATIONS
37	Mechanically strong and highly luminescent macroporous monolith by crosslinking of carbon nanodots. <i>New Journal of Chemistry</i> , 2014, 38, 1601.	2.8	6
38	Non-cropping period accounting for over a half of annual nitric oxide releases from cultivated calcareous-soil alpine ecosystems with marginally low emission factors. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 338-344.	1.3	0