

# Kangning Sun

## List of Publications by Year in descending order

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23  
papers

584  
citations

840776

11  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and construction of polymerized-chitosan coated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles and its application for hydrophobic drug delivery. <i>Materials Science and Engineering C</i> , 2015, 48, 487-498.	7.3	173
2	Blue LED-pumped intense short-wave infrared luminescence based on Cr <sup>3+</sup> -Yb <sup>3+</sup> -co-doped phosphors. <i>Light: Science and Applications</i> , 2022, 11, 136.	16.6	110
3	Toxicological effects of multi-wall carbon nanotubes in rats. <i>Journal of Nanoparticle Research</i> , 2008, 10, 1303-1307.	1.9	63
4	Chitosan-based magnetic/fluorescent nanocomposites for cell labelling and controlled drug release. <i>New Journal of Chemistry</i> , 2017, 41, 1736-1743.	2.8	37
5	Yolk-shell structured Bi <sub>2</sub> SiO <sub>5</sub> :Yb <sup>3+</sup> ,Ln <sup>3+</sup> (Ln = Er, Ho). <i>TJ ETQq1</i> 1 0.784314 rgsB 2020, 22, 4438-4448.	2.6	31
6	Hydrothermal synthesis of magnetite: investigation of influence of aging time and mechanism. <i>Micro and Nano Letters</i> , 2015, 10, 99-104.	1.3	20
7	A Nonenzymatic Glucose Sensor Platform Based on Specific Recognition and Conductive Polymer-Decorated CuCo <sub>2</sub> O <sub>4</sub> Carbon Nanofibers. <i>Materials</i> , 2020, 13, 2874.	2.9	19
8	A red-light-chargeable near infrared MgGeO <sub>3</sub> :Mn <sup>2+</sup> ,Yb <sup>3+</sup> persistent phosphor for bioimaging and optical information storage applications. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 5149-5157.	6.0	18
9	Development of ultraviolet-B long-lived persistent phosphors in Pr <sup>3+</sup> -doped garnets. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14730-14739.	5.5	16
10	Novel composite films of polysaccharides and glutathione capped zinc selenide (GSH@ZnSe) quantum dots for detection of Cd <sup>2+</sup> and Cu <sup>2+</sup> . <i>New Journal of Chemistry</i> , 2018, 42, 4871-4880.	2.8	13
11	Sol-gel Synthesis and Upconversion Luminescent Properties of Yb <sup>3+</sup> ,Er <sup>3+</sup> ,Eu <sup>3+</sup> Triply-Doped in YVO <sub>4</sub> Phosphors. <i>Journal of Fluorescence</i> , 2018, 28, 285-291.	2.5	13
12	Properties of reduced graphene/carbon nanotubes reinforced calcium phosphate bone cement in a microwave environment. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 37.	3.6	13
13	Î <sup>2</sup> -tricalcium phosphate and octacalcium phosphate composite bioceramic material for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2020, 34, 1294-1299.	2.4	10
14	Fabrication and mechanical properties of Î <sup>2</sup> -sialon-Fe x Si y CNTs composites. <i>Journal of Materials Science</i> , 2013, 48, 6673-6681.	3.7	8
15	Preparation and characterization of chitosan/Î <sup>2</sup> -GP membranes for guided bone regeneration. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 241-245.	1.0	7
16	Up-conversion Persistent Luminescence of a 980Ånm Laser Activated Zn <sub>3</sub> Ga <sub>2</sub> (GexSn <sub>1-<sup>~</sup>x</sub> )O <sub>8</sub> :Yb,Er,Cr Phosphors. <i>Journal of Fluorescence</i> , 2020, 30, 1251-1259.	2.5	7
17	Effect of ECAP pass number on mechanical properties of 2A12 Al alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2008, 23, 71-73.	1.0	6
18	Thermal stability of a nanostructured layer on the surface of 316L stainless steel. <i>Journal of Materials Research</i> , 2014, 29, 556-560.	2.6	5

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19	A new persistent luminescent composite for tracing toxic air particulate matter. <i>Environmental Chemistry Letters</i> , 2018, 16, 1487-1492.	16.2	5
20	Synthesis and Characterization of Hydrophobic Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles with High Saturation Magnetization. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 2903-2911.	1.8	5
21	Preparation of hydrophobic magnetite by a simple solvothermal method using oleylamine as reducing and surface modification agent. <i>Micro and Nano Letters</i> , 2016, 11, 118-121.	1.3	2
22	Characterization of Magnetite/Iodized Oil Magnetic Fluid for Embolization and Hyperthermia Application. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 1165-1176.	1.8	2
23	Effect of a nanostructured surface layer on the tensile properties of 316L stainless steel. <i>Journal of Materials Research</i> , 2013, 28, 1311-1315.	2.6	1