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## List of Publications by Year in descending order

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32  
papers

1,444  
citations

394286

19  
h-index

434063

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiation induced reduction: an effective and clean route to synthesize functionalized graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 7775.	6.7	163
2	Unveiling the adsorption mechanism of zeolitic imidazolate framework-8 with high efficiency for removal of copper ions from aqueous solutions. <i>Dalton Transactions</i> , 2016, 45, 12653-12660.	1.6	161
3	Enhanced fluorescence imaging guided photodynamic therapy of sinoporphyrin sodium loaded graphene oxide. <i>Biomaterials</i> , 2015, 42, 94-102.	5.7	147
4	Designed graphene-peptide nanocomposites for biosensor applications: A review. <i>Analytica Chimica Acta</i> , 2017, 985, 24-40.	2.6	133
5	High-Performance Colorimetric Detection of Hg <sup>2+</sup> Based on Triangular Silver Nanoprisms. <i>ACS Sensors</i> , 2016, 1, 521-527.	4.0	98
6	Mussel and fish scale-inspired underwater superoleophobic kapok membranes for continuous and simultaneous removal of insoluble oils and soluble dyes in water. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18475-18482.	5.2	88
7	From Maya blue to biomimetic pigments: durable biomimetic pigments with self-cleaning property. <i>Journal of Materials Chemistry A</i> , 2016, 4, 901-907.	5.2	74
8	High-Performance Colorimetric Detection of Thiosulfate by Using Silver Nanoparticles for Smartphone-Based Analysis. <i>ACS Sensors</i> , 2017, 2, 1152-1159.	4.0	60
9	Preparation of modified sodium alginate aerogel and its application in removing lead and cadmium ions in wastewater. <i>International Journal of Biological Macromolecules</i> , 2020, 157, 687-694.	3.6	50
10	The colorimetric detection of Pb <sup>2+</sup> by using sodium thiosulfate and hexadecyl trimethyl ammonium bromide modified gold nanoparticles. <i>Dalton Transactions</i> , 2013, 42, 5485.	1.6	47
11	Research progress and mechanism of nanomaterials-mediated in-situ remediation of cadmium-contaminated soil: A critical review. <i>Journal of Environmental Sciences</i> , 2021, 104, 351-364.	3.2	45
12	A new rapid colorimetric detection method of Al <sup>3+</sup> with high sensitivity and excellent selectivity based on a new mechanism of aggregation of smaller etched silver nanoparticles. <i>Talanta</i> , 2014, 122, 272-277.	2.9	43
13	Adsorption of boron by CA@KH-550@EPH@NMDG (CKEN) with biomass carbonaceous aerogels as substrate. <i>Journal of Hazardous Materials</i> , 2018, 358, 10-19.	6.5	38
14	A novel hybrid nanoadsorbent for effective Hg <sup>2+</sup> adsorption based on zeolitic imidazolate framework (ZIF-90) assembled onto poly acrylic acid capped Fe <sub>3</sub> O <sub>4</sub> nanoparticles and cysteine. <i>Journal of Hazardous Materials</i> , 2020, 392, 122288.	6.5	36
15	Facile preparation of stable palygorskite/methyl violet@SiO <sub>2</sub> @ Maya Violet pigment. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 254-263.	5.0	33
16	Removal of I <sup>-</sup> from Aqueous Solutions Using a Biomass Carbonaceous Aerogel Modified with KH-560. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7700-7708.	3.2	27
17	A versatile polar-embedded polyphenyl phase for multimodal separation in liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1553, 81-89.	1.8	24
18	Solvatochromic Coatings with Self-Cleaning Property from Palygorskite@Polysiloxane/Crystal Violet Lactone. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27346-27352.	4.0	22

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19	Colorimetric detection of Ba <sup>2+</sup> , Cd <sup>2+</sup> and Pb <sup>2+</sup> based on a multifunctionalized Au NP sensor. <i>Analyst</i> , 2019, 144, 5081-5089.	1.7	21
20	Detection of herbicide glyphosates based on an anti-aggregation mechanism by using unmodified gold nanoparticles in the presence of Pb <sup>2+</sup> . <i>Analytical Methods</i> , 2017, 9, 2890-2896.	1.3	19
21	Facile preparation of stable palygorskite/cationic red X-GR@SiO <sub>2</sub> Maya Red pigments. <i>RSC Advances</i> , 2014, 4, 63485-63493.	1.7	16
22	A rapid colorimetric method for the detection of deltamethrin based on gold nanoparticles modified with 2-mercapto-6-nitrobenzothiazole. <i>Analytical Methods</i> , 2018, 10, 1774-1780.	1.3	16
23	Design and evaluation of polar-embedded stationary phases containing triacontyl group for liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1621, 461035.	1.8	15
24	Tuning selectivity via electronic interaction: Preparation and systematic evaluation of serial polar-embedded aryl stationary phases bearing large polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , 2018, 1036, 162-171.	2.6	13
25	A highly efficient acyl-transfer approach to urea-functionalized silanes and their immobilization onto silica gel as stationary phases for liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1626, 461366.	1.8	11
26	A docosyl-terminated polyamine amphiphile-bonded stationary phase for multimodal separations in liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1642, 462045.	1.8	10
27	A carbonylative coupling approach to alkyl stationary phases with variable embedded carbamate groups for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1661, 462718.	1.8	8
28	Colorimetric detection of Cs <sup>+</sup> based on the nonmorphological transition mechanism of gold nanoparticles in the presence of Prussian blue. <i>New Journal of Chemistry</i> , 2020, 44, 2241-2246.	1.4	7
29	Superhydrophilic Sandwich Structure Aerogel Membrane for Emulsion Separation and Heavy Metal Ion Removal. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5470-5480.	2.0	7
30	Nature-Inspired Polyethylenimine-Modified Calcium Alginate Blended Waterborne Polyurethane Graded Functional Materials for Multiple Water Purification. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17826-17836.	4.0	7
31	Water-dispersible and stable fluorescent Maya Blue-like pigments. <i>RSC Advances</i> , 2015, 5, 35010-35016.	1.7	5
32	Suppression of the environmental risks of lead in cropland soil using biomass ash and its modified product. <i>Nanoscale Advances</i> , 2019, 1, 1740-1745.	2.2	0