

Wei Duan

List of Publications by Year in descending order

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13
papers

563
citations

840776

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h-index

1199594

12
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13
all docs

13
docs citations

13
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Ratiometric Fluorescent Nanohybrid for Noninvasive and Visual Monitoring of Sweat Glucose. ACS Sensors, 2020, 5, 2096-2105.	7.8	108
2	Au/AgI Dimeric Nanoparticles for Highly Selective and Sensitive Colorimetric Detection of Hydrogen Sulfide. Advanced Functional Materials, 2018, 28, 1800515.	14.9	92
3	Controllable Transformation of Aligned ZnO Nanorods to ZIF-8 as Solid-Phase Microextraction Coatings with Tunable Porosity, Polarity, and Conductivity. Analytical Chemistry, 2019, 91, 5091-5097.	6.5	57
4	Synergistic and On-Demand Release of Ag-AMPs Loaded on Porous Silicon Nanocarriers for Antibacteria and Wound Healing. ACS Applied Materials & Interfaces, 2021, 13, 16127-16141.	8.0	51
5	Graphene quantum dot-decorated luminescent porous silicon dressing for theranostics of diabetic wounds. Acta Biomaterialia, 2021, 131, 544-554.	8.3	49
6	Pd@Fe ₃ O ₄ Janus nanozyme with rational design for ultrasensitive colorimetric detection of biothiols. Biosensors and Bioelectronics, 2022, 196, 113724.	10.1	42
7	Tissue Imprinting on 2D Nanoflakes-Capped Silicon Nanowires for Lipidomic Mass Spectrometry Imaging and Cancer Diagnosis. ACS Nano, 2022, 16, 6916-6928.	14.6	41
8	A co-delivery platform for synergistic promotion of angiogenesis based on biodegradable, therapeutic and self-reporting luminescent porous silicon microparticles. Biomaterials, 2021, 272, 120772.	11.4	40
9	Graphene deposited onto aligned zinc oxide nanorods as an efficient coating for headspace solid-phase microextraction of gasoline fractions from oil samples. Journal of Chromatography A, 2017, 1530, 45-50.	3.7	29
10	Highly Specific Colorimetric Probe for Fluoride by Triggering the Intrinsic Catalytic Activity of a AgPt@Fe ₃ O ₄ Hybrid Nanozyme Encapsulated in SiO ₂ Shells. Environmental Science & Technology, 2022, 56, 1713-1723.	10.0	28
11	Toward ultrasensitive and fast colorimetric detection of indoor formaldehyde across the visible region using cetyltrimethylammonium chloride-capped bone-shaped gold nanorods as a chromophore. Analyst, The, 2019, 144, 4582-4588.	3.5	14
12	Two-Dimensional Fluorescent Strategy Based on Porous Silicon Quantum Dots for Metal-Ion Detection and Recognition. ACS Applied Nano Materials, 2019, 2, 6110-6115.	5.0	10
13	Plasmonic Metallic Nanostructures as Colorimetric Probes for Environmental Pollutants. , 2019, , 327-352.		2