

Hao Shen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

205
citations

933410

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1281846

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12
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Framework in Situ Post-Encapsulating DNA-Enzyme Composites on a Magnetic Carrier with High Stability and Reusability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7510-7517.	8.0	51
2	DNA-directed enzyme immobilization on Fe ₃ O ₄ modified with nitrogen-doped graphene quantum dots as a highly efficient and stable multi-catalyst system. <i>Journal of Materials Science</i> , 2019, 54, 2535-2551.	3.7	21
3	Co ₂ V ₂ O ₇ Particles with Intrinsic Multienzyme Mimetic Activities as an Effective Bioplatfom for Ultrasensitive Fluorometric and Colorimetric Biosensing. <i>ACS Applied Bio Materials</i> , 2020, 3, 1469-1480.	4.6	20
4	Oligonucleotide-Functionalized Enzymes Chemisorbing on Magnetic Layered Double Hydroxides: A Multimodal Catalytic Platform with Boosted Activity for Ultrasensitive Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14995-15007.	8.0	18
5	NiCo ₂ S ₄ microflowers as peroxidase mimic: A multi-functional platform for colorimetric detection of glucose and evaluation of antioxidant behavior. <i>Talanta</i> , 2021, 230, 122337.	5.5	18
6	DNA-Directed Immobilized Enzymes on Recoverable Magnetic Nanoparticles Shielded in Nucleotide Coordinated Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8585-8596.	3.7	15
7	Fluoride capped V ₆ O ₁₃ -reduced graphene oxide nanocomposites: high activity oxidase mimetics and mechanism investigation. <i>New Journal of Chemistry</i> , 2019, 43, 19053-19062.	2.8	15
8	Highly efficient synergistic biocatalysis driven by stably loaded enzymes within hierarchically porous iron/cobalt metal-organic framework <i>via</i> biomimetic mineralization. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1553-1560.	5.8	15
9	A versatile biomimetic multienzyme cascade nanoplatfom based on boronic acid-modified metal-organic framework for colorimetric biosensing. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3444-3451.	5.8	12
10	Controllable and high-performance immobilized enzyme reactor: DNA-directed immobilization of multienzyme in polyamidoamine dendrimer-functionalized capillaries. <i>Electrophoresis</i> , 2020, 41, 335-344.	2.4	11
11	Oriented immobilization of enzyme-DNA conjugates on magnetic Janus particles for constructing a multicompartment multienzyme system with high activity and stability. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8467-8475.	5.8	9