

# Prussian Blue Nanoparticles as Multienzyme Mimetics and Scavengers

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Nano-Engineered Biomimetic Optical Sensors for Glucose Monitoring in Diabetes. <i>Sensors</i> , 2016, 16, 1931.	2.1	27
4	In Vivo Monitoring of H <sub>2</sub> O <sub>2</sub> with Polydopamine and Prussian Blue-coated Microelectrode. <i>Analytical Chemistry</i> , 2016, 88, 7769-7776.	3.2	87
5	Platinum nanoparticles inhibit antioxidant effects of vitamin C via ascorbate oxidase-mimetic activity. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7895-7901.	2.9	33
6	A Database of the Structural and Electronic Properties of Prussian Blue, Prussian White, and Berlin Green Compounds through Density Functional Theory. <i>Inorganic Chemistry</i> , 2016, 55, 12851-12862.	1.9	92
7	Artificial Metalloenzyme-Based Enzyme Replacement Therapy for the Treatment of Hyperuricemia. <i>Advanced Functional Materials</i> , 2016, 26, 7921-7928.	7.8	51
8	Nanozymes: Next Wave of Artificial Enzymes. <i>Springer Briefs in Molecular Science</i> , 2016, , .	0.1	62
9	Other Nanomaterials for Nanozymes. <i>Springer Briefs in Molecular Science</i> , 2016, , 93-102.	0.1	0
10	Uncapped nanobranch-based CuS clews used as an efficient peroxidase mimic enable the visual detection of hydrogen peroxide and glucose with fast response. <i>Analytica Chimica Acta</i> , 2016, 947, 42-49.	2.6	99
11	Enabling Prussian Blue with Tunable Localized Surface Plasmon Resonances: Simultaneously Enhanced Dual-Mode Imaging and Tumor Photothermal Therapy. <i>ACS Nano</i> , 2016, 10, 11115-11126.	7.3	123
12	Facet Energy <i>versus</i> Enzyme-like Activities: The Unexpected Protection of Palladium Nanocrystals against Oxidative Damage. <i>ACS Nano</i> , 2016, 10, 10436-10445.	7.3	247
13	Rationally Modulate the Oxidase-like Activity of Nanoceria for Self-Regulated Bioassays. <i>ACS Sensors</i> , 2016, 1, 1336-1343.	4.0	255
14	Manganese Phosphate Self-assembled Nanoparticle Surface and Its application for Superoxide Anion Detection. <i>Scientific Reports</i> , 2016, 6, 28989.	1.6	44
15	Near-infrared photothermal therapy of Prussian-blue-functionalized lanthanide-ion-doped inorganic/plasmonic multifunctional nanostructures for the selective targeting of HER2-expressing breast cancer cells. <i>Biomaterials Science</i> , 2016, 4, 1781-1791.	2.6	32
16	Challenges and Perspectives. <i>Springer Briefs in Molecular Science</i> , 2016, , 103-107.	0.1	5
17	Prussian Blue as a Highly Sensitive and Background-Free Resonant Raman Reporter. <i>Analytical Chemistry</i> , 2017, 89, 1551-1557.	3.2	95
18	Surface modification of nanozymes. <i>Nano Research</i> , 2017, 10, 1125-1148.	5.8	406
19	Recent progress in Prussian blue films: Methods used to control regular nanostructures for electrochemical biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017, 96, 17-25.	5.3	82
20	Magnetic drug delivery systems. <i>Science China Materials</i> , 2017, 60, 471-486.	3.5	41

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21	Surface-Enhanced Raman Scattering Active Gold Nanoparticles with Enzyme-Mimicking Activities for Measuring Glucose and Lactate in Living Tissues. <i>ACS Nano</i> , 2017, 11, 5558-5566.	7.3	514
22	Shape-dependent enzyme-like activity of Co <sub>3</sub> O <sub>4</sub> nanoparticles and their conjugation with his-tagged EGFR single-domain antibody. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 55-62.	2.5	46
23	In vitro cytotoxicity evaluation of graphene oxide from the peroxidase-like activity perspective. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 215-223.	2.5	16
24	Monitoring of Heparin Activity in Live Rats Using Metal-Organic Framework Nanosheets as Peroxidase Mimics. <i>Analytical Chemistry</i> , 2017, 89, 11552-11559.	3.2	215
25	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie</i> , 2017, 129, 13849-13853.	1.6	16
26	A Redox Modulatory Mn <sub>3</sub> O <sub>4</sub> Nanozyme with Multi-Enzyme Activity Provides Efficient Cytoprotection to Human Cells in a Parkinson's Disease Model. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14267-14271.	7.2	448
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29	Manganese Dioxide Nanozymes as Responsive Cytoprotective Shells for Individual Living Cell Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13661-13665.	7.2	196
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34	Mimicking Peroxidase Activities with Prussian Blue Nanoparticles and Their Cyanometalate Structural Analogues. <i>Nano Letters</i> , 2017, 17, 4958-4963.	4.5	106
35	Boosting the Peroxidase-Like Activity of Nanostructured Nickel by Inducing Its 3+ Oxidation State in LaNiO <sub>3</sub> Perovskite and Its Application for Biomedical Assays. <i>Theranostics</i> , 2017, 7, 2277-2286.	4.6	90
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37	Manganese-Based Nanozymes: Multienzyme Redox Activity and Effect on the Nitric Oxide Produced by Endothelial Nitric Oxide Synthase. <i>Chemistry - A European Journal</i> , 2018, 24, 8393-8403.	1.7	84
38	ROS scavenging Mn <sub>3</sub> O <sub>4</sub> nanozymes for <i>in vivo</i> anti-inflammation. <i>Chemical Science</i> , 2018, 9, 2927-2933.	3.7	447

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40	Cervical Cancer HeLa Cell Autocrine Apoptosis Induced by Coimmobilized IFN- $\gamma$ plus TNF- $\alpha$ Biomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 8451-8464.	4.0	14
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47	Integrated nanozymes: facile preparation and biomedical applications. <i>Chemical Communications</i> , 2018, 54, 6520-6530.	2.2	130
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