

Pramod K Gupta

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	One-step green approach to synthesize highly fluorescent carbon quantum dots from banana juice for selective detection of copper ions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103720.	6.7	114
2	L-cysteine capped lanthanum hydroxide nanostructures for non-invasive detection of oral cancer biomarker. <i>Biosensors and Bioelectronics</i> , 2017, 89, 1042-1052.	10.1	88
3	Electrochemical immunosensor based on magnetite nanoparticles incorporated electrospun polyacrylonitrile nanofibers for Vitamin-D3 detection. <i>Materials Science and Engineering C</i> , 2018, 93, 145-156.	7.3	78
4	Amino acid functionalized ZrO ₂ nanoparticles decorated reduced graphene oxide based immunosensor. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2019-2033.	5.8	42
5	ZrO ₂ Nanoflowers Decorated with Graphene Quantum Dots for Electrochemical Immunosensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 2506-2516.	5.0	41
6	Silver molybdate nanoparticles based immunosensor for the non-invasive detection of Interleukin-8 biomarker. <i>Materials Science and Engineering C</i> , 2020, 113, 110911.	7.3	33
7	Determination of glycated albumin using a Prussian blue nanozyme-based boronate affinity sandwich assay. <i>Analytica Chimica Acta</i> , 2020, 1134, 41-49.	5.4	32
8	One-Step Electrodeposited Porous ZnO Thin Film Based Immunosensor for Detection of <i>Vibrio cholerae</i> Toxin. <i>Journal of the Electrochemical Society</i> , 2016, 163, B309-B318.	2.9	30
9	Citric Acid-Functionalized Rhodium-Platinum Nanoparticles as Peroxidase Mimics for Determination of Cholesterol. <i>ACS Applied Nano Materials</i> , 2021, 4, 8282-8291.	5.0	29
10	One pot synthesized zirconia nanoparticles embedded in amino functionalized amorphous carbon for electrochemical immunosensor. <i>Journal of Electroanalytical Chemistry</i> , 2017, 807, 59-69.	3.8	28
11	PVP-stabilized PtRu nanozymes with peroxidase-like activity and its application for colorimetric and fluorometric glucose detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 204, 111783.	5.0	26
12	One-pot synthesized citric acid-modified bimetallic PtNi hollow nanospheres as peroxidase mimics for colorimetric detection of human serum albumin. <i>Materials Science and Engineering C</i> , 2020, 116, 111231.	7.3	24
13	Electrochemical and antimicrobial activity of tellurium oxide nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 211, 166-172.	3.5	23
14	Functionalized bimetallic IrPt alloy nanoparticles: Multi-enzyme mimics for colorimetric and fluorometric detection of hydrogen peroxide and glucose. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 120, 336-343.	5.3	23
15	Improved electrochemical performance of metal doped Zirconia nanoparticles for detection of Ochratoxin-A. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 69-80.	3.8	17
16	Functionalized ultra-fine bimetallic PtRu alloy nanoparticle with high peroxidase-mimicking activity for rapid and sensitive colorimetric quantification of C-reactive protein. <i>Mikrochimica Acta</i> , 2021, 188, 119.	5.0	17
17	Functionalized polyacrylonitrile nanofiber based immunosensor for <i>Vibrio cholerae</i> detection. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	16
18	L-Cysteine Mediated Self-Assembled PtRu Derived Bimetallic Metal-Carbon Hybrid: An Excellent Peroxidase Mimics for Colorimetric and Fluorometric Detection of Hydrogen Peroxide and Cholesterol. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101115.	3.7	10

#	ARTICLE	IF	CITATIONS
19	Silver-Based Hybrid Nanomaterials: Preparations, Biological, Biomedical, and Environmental Applications. <i>Journal of Cluster Science</i> , 2023, 34, 23-43.	3.3	10
20	Prospects of Nanostructured ZrO ₂ as a Point-of-Care Diagnostics. <i>Advanced Structured Materials</i> , 2017, , 285-305.	0.5	6
21	Effect of Nitrogen Doping on Structural and Electrochemical Properties of Zirconia Nanoparticles. <i>Advanced Science Letters</i> , 2018, 24, 867-872.	0.2	5
22	Amine Functionalized Noble Metal: Metal Oxide Nanohybrid for Efficient Electrochemical Determination of 25-Hydroxy Vitamin-D ₃ in Human Serum. <i>Journal of the Electrochemical Society</i> , 2021, 168, 117508.	2.9	4
23	Effect of pH on the Structural Properties and Bioactivity of Zirconia Nanoparticles. <i>Advanced Science Letters</i> , 2018, 24, 873-880.	0.2	3
24	Studies on As-synthesized Graphene Oxide Flakes. <i>Current Nanomaterials</i> , 2017, 1, 164-170.	0.4	2