

Pradipta Ranjan Rauta

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,577
citations

623574

14
h-index

642610

23
g-index

27
all docs

27
docs citations

27
times ranked

2571
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune system and immune responses in fish and their role in comparative immunity study: A model for higher organisms. <i>Immunology Letters</i> , 2012, 148, 23-33.	1.1	334
2	Toll-like receptors (TLRs) in aquatic animals: Signaling pathways, expressions and immune responses. <i>Immunology Letters</i> , 2014, 158, 14-24.	1.1	264
3	Bark extract mediated green synthesis of silver nanoparticles: Evaluation of antimicrobial activity and antiproliferative response against osteosarcoma. <i>Materials Science and Engineering C</i> , 2016, 58, 44-52.	3.8	256
4	Biologically synthesised silver nanoparticles from three diverse family of plant extracts and their anticancer activity against epidermoid A431 carcinoma. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 329-338.	5.0	179
5	Synergistic combination of antioxidants, silver nanoparticles and chitosan in a nanoparticle based formulation: Characterization and cytotoxic effect on MCF-7 breast cancer cell lines. <i>Journal of Colloid and Interface Science</i> , 2016, 470, 142-152.	5.0	93
6	The application of nanotechnology in enhancing immunotherapy for cancer treatment: current effects and perspective. <i>Nanoscale</i> , 2019, 11, 17157-17178.	2.8	59
7	Selection for improved resistance to <i>Aeromonas hydrophila</i> in Indian major carp <i>Labeo rohita</i> : Survival and innate immune responses in first generation of resistant and susceptible lines. <i>Fish and Shellfish Immunology</i> , 2011, 31, 432-438.	1.6	55
8	Development of highly biocompatible Gelatin & i-Carrageenan based composite hydrogels: In depth physiochemical analysis for biomedical applications. <i>Carbohydrate Polymers</i> , 2016, 153, 292-301.	5.1	42
9	Ontogeny and tissue-specific expression of innate immune related genes in rohu, <i>Labeo rohita</i> (Hamilton). <i>Fish and Shellfish Immunology</i> , 2011, 30, 1197-1201.	1.6	41
10	Parenteral immunization of PLA/PLGA nanoparticle encapsulating outer membrane protein (Omp) from <i>Aeromonas hydrophila</i> : Evaluation of immunostimulatory action in <i>Labeo rohita</i> (rohu). <i>Fish and Shellfish Immunology</i> , 2015, 44, 287-294.	1.6	41
11	Fabrication of poly(vinyl alcohol)-Carrageenan scaffolds for cryopreservation: Effect of composition on cell viability. <i>Carbohydrate Polymers</i> , 2016, 147, 509-516.	5.1	37
12	Biosynthesis, characterisation and antimicrobial activity of silver nanoparticles using <i>Hibiscus rosa-sinensis</i> petals extracts. <i>IET Nanobiotechnology</i> , 2015, 9, 288-293.	1.9	32
13	Gold nanoparticle-based rapid detection and isolation of cells using ligand-receptor chemistry. <i>Scientific Reports</i> , 2018, 8, 2893.	1.6	17
14	In silico identification of outer membrane protein (Omp) and subunit vaccine design against pathogenic <i>Vibrio cholerae</i> . <i>Computational Biology and Chemistry</i> , 2016, 65, 61-68.	1.1	16
15	Enhanced efficacy of clindamycin hydrochloride encapsulated in PLA/PLGA based nanoparticle system for oral delivery. <i>IET Nanobiotechnology</i> , 2016, 10, 254-261.	1.9	15
16	Development of Graphene Oxide Nanosheets as Potential Biomaterials in Cancer Therapeutics: An In-Vitro Study Against Breast Cancer Cell Line. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4236-4249.	1.9	15
17	Development of liposome-encapsulated ketoconazole: formulation, characterisation and evaluation of pharmacological therapeutic efficacy. <i>Micro and Nano Letters</i> , 2015, 10, 126-129.	0.6	14
18	Design and characterization of plasmids encoding antigenic peptides of Aha1 from <i>Aeromonas hydrophila</i> as prospective fish vaccines. <i>Journal of Biotechnology</i> , 2017, 241, 116-126.	1.9	13

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19	Assessment of antioxidant, antimicrobial and anti-osteosarcoma potential of four traditionally used Indian medicinal plants. <i>Journal of Applied Biomedicine</i> , 2017, 15, 119-132.	0.6	13
20	Exploring the Bioactive Potentials of C60-AgNPs Nano-Composites against Malignancies and Microbial Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 714.	1.8	10
21	CHARACTERIZATION OF SERUM IMMUNOGLOBULIN INCHANNA STRIATA(BLOCH) AND KINETICS OF ITS RESPONSE TOAEROMONAS HYDROPHILAANTIGEN. <i>Journal of Immunoassay and Immunochemistry</i> , 2013, 34, 283-293.	0.5	8
22	Novel chromogenic bacteria characterized and their probable treatment options using herbal products and reagents to restrict biofilm formation. <i>Journal of Applied Biomedicine</i> , 2017, 15, 291-298.	0.6	7
23	Synthesis and characterization of cloisite-30B clay dispersed poly (acryl amide/sodium alginate)/AgNp hydrogel composites for the study of BSA protein drug delivery and antibacterial activity. <i>Materials Research Express</i> , 2018, 5, 025403.	0.8	6
24	Polymeric Nanostructures. , 2019, , 3-10.		1
25	Origami-Engineered Structures and Their Biomedical Applications. , 2019, , 167-173.		0
26	Nanobiosensors and Their Biomedical Applications. , 2019, , 177-183.		0