

# Rout George Kerry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3805024/publications.pdf>

Version: 2024-02-01

38  
papers

2,036  
citations

687220

13  
h-index

642610

23  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Revitalization of plant growth promoting rhizobacteria for sustainable development in agriculture. <i>Microbiological Research</i> , 2018, 206, 131-140.	2.5	765
2	Benefaction of probiotics for human health: A review. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 927-939.	0.9	581
3	Photo-mediated green synthesis of silver and zinc oxide nanoparticles using aqueous extracts of two mangrove plant species, <i>Heritiera fomes</i> and <i>Sonneratia apetala</i> and investigation of their biomedical applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 311-318.	1.7	154
4	Nano-based approach to combat emerging viral (NIPAH virus) infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 196-220.	1.7	93
5	Targeting Inflammation by Flavonoids: Novel Therapeutic Strategy for Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4957.	1.8	64
6	Marine Cyanobacteria and Microalgae Metabolites – A Rich Source of Potential Anticancer Drugs. <i>Marine Drugs</i> , 2020, 18, 476.	2.2	56
7	Biochemical Prospects of Various Microbial Pectinase and Pectin: An Approachable Concept in Pharmaceutical Bioprocessing. <i>Frontiers in Nutrition</i> , 2020, 7, 117.	1.6	50
8	A comprehensive review on the applications of nano-biosensor-based approaches for non-communicable and communicable disease detection. <i>Biomaterials Science</i> , 2021, 9, 3576-3602.	2.6	45
9	Current advances in nanocarriers for biomedical research and their applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1053-1062.	1.9	33
10	Wildlife forensics: A boon for species identification and conservation implications. <i>Forensic Science International</i> , 2020, 317, 110530.	1.3	23
11	A Methodical Review on the Applications and Potentialities of Using Nanobiosensors for Disease Diagnosis. <i>BioMed Research International</i> , 2022, 2022, 1-20.	0.9	18
12	Molecular prospect of type-2 diabetes: Nanotechnology based diagnostics and therapeutic intervention. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 421-451.	2.6	16
13	Application of Nanomaterials to Ensure Quality and Nutritional Safety of Food. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-19.	1.5	14
14	Bioprospecting of Endophytes for Agricultural and Environmental Sustainability. , 2017, , 429-458.		13
15	Cure of tuberculosis using nanotechnology: An overview. <i>Journal of Microbiology</i> , 2018, 56, 287-299.	1.3	13
16	Application of Nanotechnology for Sustainable Crop Production Systems. <i>Nanotechnology in the Life Sciences</i> , 2020, , 135-159.	0.4	11
17	Proteomic and genomic responses of plants to nutritional stress. <i>BioMetals</i> , 2018, 31, 161-187.	1.8	9
18	Microbes and Their Role in Drought Tolerance of Agricultural Food Crops. , 2018, , 253-273.		9

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19	Emerging Molecular Prospective of SARS-CoV-2: Feasible Nanotechnology Based Detection and Inhibition. <i>Frontiers in Microbiology</i> , 2020, 11, 2098.	1.5	9
20	Probiotics: The Ultimate Nutritional Supplement. , 2018, , 141-152.		8
21	Cyclic peptides nanospheres: A $\text{Zn}^{2+}$ -in- $\text{Ca}^{2+}$ self-assembled delivery system for targeting nucleus and cytoplasm. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 171, 106125.	1.9	8
22	Agricultural Nanotechnologies: Current Applications and Future Prospects. , 2017, , 3-28.		7
23	Synthesis of Nanoparticles Utilizing Sources From the Mangrove Environment and Their Potential Applications. , 2019, , 219-235.		6
24	Wireless Sensor Networks: Applications and Challenges. , 0, , .		6
25	Biochemical, molecular, and elemental profiling of <i>Withania somnifera</i> L. with response to zinc stress. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4116-4129.	2.7	5
26	Role of Microbial Technology in Agricultural Sustainability. , 2017, , 181-202.		4
27	ANATOMICAL AND BIOCHEMICAL ASPECTS OF <i>THEVETIA PERUVIANA</i> L. A COMMONLY PLANTED ROADSIDE TROPICAL SHRUB OF BHUBANESWAR, ODISHA. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 51.	0.3	3
28	Application of Plant Growth Promoting Rhizobacteria in Agriculture. , 2018, , 73-86.		3
29	Engineered Probiotic and Prebiotic Nutraceutical Supplementations in Combating Non-communicable Disorders: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 72-97.	0.9	3
30	Biosynthesis of Rutin Trihydrate Loaded Silica Nanoparticles and Investigation of Its Antioxidant, Antidiabetic and Cytotoxic Potentials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 0, , 1.	1.9	2
31	Anticancer Potential of Mangrove Plants: Neglected Plant Species of the Marine Ecosystem. , 2018, , 303-325.		1
32	Theranostic Application of Nanoparticulated System: Present and Future Prospects. <i>Materials Research Foundations</i> , 2019, , 241-288.	0.2	1
33	Conventional and Nano-Based Therapy against Chronic Inflammatory Autoimmune Diseases. <i>Asian Journal of Biology</i> , 2018, 6, 1-8.	0.2	1
34	Applications of Nanotechnology in Food and Agriculture. , 2019, , 223-249.		1
35	Nanotechnology in Preclinical Pharmacokinetics. , 2020, , 461-478.		1
36	Utility of Underwater Weenie Life Forms as Voluminous Organisms: A Review. <i>Ilmu Kelautan: Indonesian Journal of Marine Sciences</i> , 2018, 23, 99.	0.3	0

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37	The Pandemic COVID-19 and Its Positive Influences on the Environment. Current World Environment Journal, 2021, 16, 492-505.	0.2	0
38	Viral and Nonviral Drug Delivery Systems for Medical Health Care: An Overview. Nanotechnology in the Life Sciences, 2020, , 21-41.	0.4	0