

Noura El-Ahmady El-Naggar

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64 papers	1,261 citations	21 h-index	32 g-index
78 ext. papers	1,714 ext. citations	2.8 avg, IF	5.5 L-index

#	Paper	IF	Citations
64	Bioproduction, characterization, anticancer and antioxidant activities of extracellular melanin pigment produced by newly isolated microbial cell factories <i>Streptomyces glaucescens</i> NEAE-H. <i>Scientific Reports</i> , 2017 , 7, 42129	4.9	114
63	Bio-fabrication of silver nanoparticles by phycocyanin, characterization, in vitro anticancer activity against breast cancer cell line and in vivo cytotoxicity. <i>Scientific Reports</i> , 2017 , 7, 10844	4.9	109
62	Purification, characterization, cytotoxicity and anticancer activities of L-asparaginase, anti-colon cancer protein, from the newly isolated alkaliphilic <i>Streptomyces fradiae</i> NEAE-82. <i>Scientific Reports</i> , 2016 , 6, 32926	4.9	58
61	Production, extraction and characterization of <i>Chlorella vulgaris</i> soluble polysaccharides and their applications in AgNPs biosynthesis and biostimulation of plant growth. <i>Scientific Reports</i> , 2020 , 10, 30114	4.9	53
60	Biosorption optimization, characterization, immobilization and application of <i>Gelidium amansii</i> biomass for complete Pb removal from aqueous solutions. <i>Scientific Reports</i> , 2018 , 8, 13456	4.9	53
59	Phycobiliprotein-mediated synthesis of biogenic silver nanoparticles, characterization, in vitro and in vivo assessment of anticancer activities. <i>Scientific Reports</i> , 2018 , 8, 8925	4.9	48
58	Application of statistical experimental design for optimization of silver nanoparticles biosynthesis by a nanofactory <i>Streptomyces viridochromogenes</i> . <i>Journal of Microbiology</i> , 2014 , 52, 53-63	3	45
57	Microbial L-asparaginase as a Potential Therapeutic Agent for the Treatment of Acute Lymphoblastic Leukemia: The Pros and Cons. <i>International Journal of Pharmacology</i> , 2014 , 10, 182-199	0.7	38
56	Optimization of Culture Conditions for Production of the Anti-Leukemic Glutaminase Free L-Asparaginase by Newly Isolated <i>Streptomyces olivaceus</i> NEAE-119 Using Response Surface Methodology. <i>BioMed Research International</i> , 2015 , 2015, 627031	3	37
55	Single Cell Oil Production by an Oleaginous Yeast Strain in a Low Cost Cultivation Medium. <i>Research Journal of Microbiology</i> , 2009 , 4, 301-313	0.1	32
54	Purification, characterization and immunogenicity assessment of glutaminase free L-asparaginase from <i>Streptomyces broilosae</i> NEAE-115. <i>BMC Pharmacology & Toxicology</i> , 2018 , 19, 51	2.6	31
53	Optimization of Fermentation Conditions for the Biosynthesis of Inulinase by the New Source; <i>Aspergillus tamarii</i> and Hydrolysis of Some Inulin Containing Agro-Wastes. <i>Biotechnology</i> , 2009 , 8, 425-433	0.1	29
52	Bioethanol Production from Lignocellulosic Feedstocks Based on Enzymatic Hydrolysis: Current Status and Recent Developments. <i>Biotechnology</i> , 2013 , 13, 1-21	0.1	28
51	Fabrication of biogenic antimicrobial silver nanoparticles by <i>Streptomyces aegyptia</i> NEAE 102 as eco-friendly nanofactory. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 453-64	3.3	28
50	Extracellular production of the oncolytic enzyme, L-asparaginase, by newly isolated <i>Streptomyces</i> sp. strain NEAE-95 as potential microbial cell factories: optimization of culture conditions using response surface methodology. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 162-78	2.6	27
49	Innovative low-cost biosorption process of Cr by <i>Pseudomonas alcaliphila</i> NEWG-2. <i>Scientific Reports</i> , 2020 , 10, 14043	4.9	27
48	Identification and statistical optimization of fermentation conditions for a newly isolated extracellular cholesterol oxidase-producing <i>Streptomyces cavourensis</i> strain NEAE-42. <i>BMC Microbiology</i> , 2016 , 16, 217	4.5	27

47	Extracellular Biofabrication, Characterization, and Antimicrobial Efficacy of Silver Nanoparticles Loaded on Cotton Fabrics Using Newly Isolated <i>Streptomyces</i> sp. SSHH-1E. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-17	3.2	26
46	Green Synthesis, Characterization and Antimicrobial Activities of Silver Nanoparticles by <i>Streptomyces viridodiataticus</i> SSHH-1 as a Living Nanofactory: Statistical Optimization of Process Variables. <i>Current Nanoscience</i> , 2015 , 11, 640-654	1.4	23
45	Statistical Optimization of Process Variables for Antimicrobial Metabolites Production by <i>Streptomyces anulatus</i> NEAE-94 Against some Multidrug-resistant Strains. <i>International Journal of Pharmacology</i> , 2013 , 9, 322-334	0.7	22
44	Bioprocessing optimization for efficient simultaneous removal of methylene blue and nickel by <i>Gracilaria</i> seaweed biomass. <i>Scientific Reports</i> , 2020 , 10, 17439	4.9	21
43	Optimization of fermentation conditions for enhancing extracellular production of L-asparaginase, an anti-leukemic agent, by newly isolated <i>Streptomyces broilosae</i> NEAE-115 using solid state fermentation. <i>Annals of Microbiology</i> , 2017 , 67, 1-15	3.2	20
42	Statistical optimization for cadmium removal using <i>Ulva fasciata</i> biomass: Characterization, immobilization and application for almost-complete cadmium removal from aqueous solutions. <i>Scientific Reports</i> , 2018 , 8, 12456	4.9	19
41	Bioprocess development for L-asparaginase production by <i>Streptomyces rochei</i> , purification and in-vitro efficacy against various human carcinoma cell lines. <i>Scientific Reports</i> , 2020 , 10, 7942	4.9	18
40	Process development for scale-up production of a therapeutic L-asparaginase by <i>Streptomyces broilosae</i> NEAE-115 from shake flasks to bioreactor. <i>Scientific Reports</i> , 2019 , 9, 13571	4.9	17
39	In vitro activity, extraction, separation and structure elucidation of antibiotic produced by <i>Streptomyces anulatus</i> NEAE-94 active against multidrug-resistant <i>Staphylococcus aureus</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2017 , 31, 418-430	1.6	16
38	Extracellular cholesterol oxidase production by <i>Streptomyces aegyptia</i> , in vitro anticancer activities against rhabdomyosarcoma, breast cancer cell-lines and in vivo apoptosis. <i>Scientific Reports</i> , 2018 , 8, 2706	4.9	16
37	Eco-friendly approach for biosorption of Pb and carcinogenic Congo red dye from binary solution onto sustainable <i>Ulva lactuca</i> biomass. <i>Scientific Reports</i> , 2020 , 10, 16021	4.9	16
36	Application of actinomycetes as biocontrol agents in the management of onion bacterial rot diseases. <i>Archives of Phytopathology and Plant Protection</i> , 2013 , 46, 1797-1808	1	15
35	Bioprocessing of Lignocellulosic Biomass for Production of Bioethanol using Thermotolerant <i>Aspergillus fumigatus</i> under Solid State Fermentation Conditions. <i>Biotechnology</i> , 2010 , 9, 513-522	0.1	15
34	Bioconversion of Lignocellulosic Wastes into Organic Acids by Cellulolytic Rock Phosphate-Solubilizing Fungal Isolates Grown under Solid-State Fermentation Conditions. <i>Research Journal of Microbiology</i> , 2010 , 5, 1-20	0.1	15
33	Identification of newly isolated <i>Talaromyces pinophilus</i> and statistical optimization of α -glucosidase production under solid-state fermentation. <i>Preparative Biochemistry and Biotechnology</i> , 2015 , 45, 712-29	2.4	14
32	OPTIMIZATION OF ALKALINE PROTEASE PRODUCTION BY <i>STREPTOMYCES AMBOFACIENS</i> IN FREE AND IMMOBILIZED FORM. <i>American Journal of Biochemistry and Biotechnology</i> , 2014 , 10, 1-13	0.4	14
31	Statistical modeling-approach for optimization of Cu biosorption by <i>Azotobacter nigricans</i> NEWG-1; characterization and application of immobilized cells for metal removal. <i>Scientific Reports</i> , 2020 , 10, 9494	4.9	13
30	Antimicrobial Potentialities of <i>Streptomyces lienomycini</i> NEAE-31 Against Human Pathogen Multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>International Journal of Pharmacology</i> , 2016 , 12, 769-788	0.7	13

29	Phycoremediation of lithium ions from aqueous solutions using free and immobilized freshwater green alga <i>Oocystis solitaria</i> : mathematical modeling for bioprocess optimization. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 19335-19351	5.1	12
28	Bioprocessing of some agro-industrial residues for endoglucanase production by the new subsp.; <i>Streptomyces albogriseolus</i> subsp. <i>cellulolyticus</i> strain NEAE-J. <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 743-56	2.2	12
27	An Innovative Synergism Between <i>Aspergillus oryzae</i> and <i>Azotobacter chroococcum</i> for Bioconversion of Cellulosic Biomass into Organic Acids under Restricted Nutritional Conditions Using Multi-Response Surface Optimization. <i>Biotechnology</i> , 2015 , 14, 47-57	0.1	11
26	Isolation, Screening and Identification of Actinobacteria with Uricase Activity: Statistical Optimization of Fermentation Conditions for Improved Production of Uricase by <i>Streptomyces rochei</i> NEAE-25. <i>International Journal of Pharmacology</i> , 2015 , 11, 644-658	0.7	10
25	Simultaneous bioremediation of cationic copper ions and anionic methyl orange azo dye by brown marine alga <i>Fucus vesiculosus</i> . <i>Scientific Reports</i> , 2021 , 11, 3555	4.9	10
24	Purification, characterization and amino acid content of cholesterol oxidase produced by <i>Streptomyces aegyptia</i> NEAE 102. <i>BMC Microbiology</i> , 2017 , 17, 76	4.5	9
23	Organic acids associated with saccharification of cellulosic wastes during solid-state fermentation. <i>Journal of Microbiology</i> , 2011 , 49, 58-65	3	8
22	Optimization of Eglucosidase production by <i>Aspergillus terreus</i> strain EMOO 6-4 using response surface methodology under solid-state fermentation. <i>Preparative Biochemistry and Biotechnology</i> , 2015 , 45, 568-87	2.4	7
21	Bioprocess development for enhanced endoglucanase production by newly isolated bacteria, purification, characterization and in-vitro efficacy as anti-biofilm of <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2021 , 11, 9754	4.9	7
20	Potential value of red and brown seaweed for sustainable bioethanol production. <i>Bangladesh Journal of Botany</i> , 2018 , 44, 565-570	0.5	7
19	Mathematical modeling for bioprocess optimization of a protein drug, uricase, production by <i>Aspergillus welwitschiae</i> strain 1-4. <i>Scientific Reports</i> , 2019 , 9, 12971	4.9	6
18	Production of Antimicrobial Agent Inhibitory to some Human Pathogenic Multidrug-Resistant Bacteria and <i>Candida albicans</i> by <i>Streptomyces</i> sp. NEAE-1. <i>International Journal of Pharmacology</i> , 2013 , 9, 335-347	0.7	6
17	Rotatable central composite design versus artificial neural network for modeling biosorption of Cr by the immobilized <i>Pseudomonas alcaliphila</i> NEWG-2. <i>Scientific Reports</i> , 2021 , 11, 1717	4.9	6
16	An innovative green synthesis approach of chitosan nanoparticles and their inhibitory activity against phytopathogenic <i>Botrytis cinerea</i> on strawberry leaves.. <i>Scientific Reports</i> , 2022 , 12, 3515	4.9	6
15	Bioprocessing strategies for cost-effective simultaneous removal of chromium and malachite green by marine alga <i>Enteromorpha intestinalis</i> . <i>Scientific Reports</i> , 2020 , 10, 13479	4.9	5
14	Bioprocess development for biosorption of cobalt ions and Congo red from aquatic mixture using <i>Enteromorpha intestinalis</i> biomass as sustainable biosorbent. <i>Scientific Reports</i> , 2021 , 11, 14953	4.9	5
13	Optimization of Bioactive Metabolites production by a Newly Isolated Marine <i>Streptomyces</i> sp. Using Statistical Approach. <i>Biotechnology</i> , 2015 , 14, 211-224	0.1	4
12	Characterization of alginate extracted from <i>Sargassum latifolium</i> and its use in <i>Chlorella vulgaris</i> growth promotion and riboflavin drug delivery. <i>Scientific Reports</i> , 2021 , 11, 16741	4.9	4

11	Enhancement of Pharmaceutical and Bioactive Components of <i>Scenedesmus obliquus</i> Grown Using Different Concentrations of KNO ₃ . <i>International Journal of Pharmacology</i> , 2018 , 14, 758-765	0.7	3
10	Bioconversion of Some Agro-industrial By-products into Single Cell Oil Using <i>Candida albicans</i> NRRL Y-12983 and <i>Lipomyces starkeyi</i> NRRL Y-11557. <i>Research Journal of Microbiology</i> , 2011 , 6, 784-795	0.1	3
9	AMINO ACIDS PRODUCTION BY PROTEOLYTIC MUCOR MUCEDO STRAIN SEE1 ON THE OPTIMIZED FERMENTATION MEDIUM. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2017 , 6, 1036-1042	2.3	2
8	Cyanobacteria-based microbial cell factories for production of industrial products 2021 , 277-302		2
7	Antioxidant and Antibacterial Activities of Silver Nanoparticles Biosynthesized by <i>Moringa oleifera</i> through Response Surface Methodology. <i>Journal of Nanomaterials</i> , 2022 , 2022, 1-15	3.2	2
6	Identification of cholesterol-assimilating actinomycetes strain and application of statistical modeling approaches for improvement of cholesterol oxidase production by <i>Streptomyces anulatus</i> strain NEAE-94. <i>BMC Microbiology</i> , 2020 , 20, 86	4.5	1
5	Screening of Inulinolytic Potentialities of some Fungi Isolated from Egyptian Soil. <i>Biotechnology</i> , 2014 , 13, 152-158	0.1	1
4	Biosorption of cationic Hg and Remazol brilliant blue anionic dye from binary solution using <i>Gelidium corneum</i> biomass. <i>Scientific Reports</i> , 2021 , 11, 20908	4.9	1
3	<i>Streptomyces</i> -based cell factories for production of biomolecules and bioactive metabolites 2021 , 183-234		0
2	Statistical optimization for simultaneous removal of methyl red and production of fatty acid methyl esters using fresh alga <i>Scenedesmus obliquus</i> .. <i>Scientific Reports</i> , 2022 , 12, 7156	4.9	0
1	Rapid Screening of Various Factors Influencing Polysaccharides Production by Microchlorophyte Alga, <i>Chlorella vulgaris</i> , by Application of Plackett-Burman Design: Characterization of Polysaccharides Using High Performance Liquid Chromatography. <i>Journal of Applied Sciences</i> , 2016 , 16, 429-437	0.3	