Barry J Ryan

List of Publications by Year
in descending order

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37	597	759233 12	642732 23
papers	citations	h-index	g-index

38	38	38	734
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Horseradish and soybean peroxidases: comparable tools for alternative niches?. Trends in Biotechnology, 2006, 24, 355-363.	9.3	134
2	Solvent stable microbial lipases: current understanding and biotechnological applications. Biotechnology Letters, 2019, 41, 203-220.	2.2	63
3	Isolation, purification and characterization of a novel solvent stable lipase from Pseudomonas reinekei. Protein Expression and Purification, 2019, 153, 121-130.	1.3	40
4	Effects of single mutations on the stability of horseradish peroxidase to hydrogen peroxide. Biochimie, 2007, 89, 1029-1032.	2.6	32
5	Arginine-to-lysine substitutions influence recombinant horseradish peroxidase stability and immobilisation effectiveness. BMC Biotechnology, 2007, 7, 86.	3.3	31
6	An extracellular lipase from Amycolatopsis mediterannei is a cutinase with plastic degrading activity. Computational and Structural Biotechnology Journal, 2021, 19, 869-879.	4.1	26
7	Line up, line up: using technology to align and enhance peer learning and assessment in a student centred foundation organic chemistry module. Chemistry Education Research and Practice, 2013, 14, 229-238.	2.5	25
8	The Goldilocks Approach: A Review of Employing Design of Experiments in Prokaryotic Recombinant Protein Production. Bioengineering, 2018, 5, 89.	3.5	24
9	Overview of Approaches to Preventing and Avoiding Proteolysis During Expression and Purification of Proteins. Current Protocols in Protein Science, 2013, 71, Unit5.25.	2.8	23
10	Î²-Glucosidase from Streptomyces griseus : Nanoparticle immobilisation and application to alkyl glucoside synthesis. Protein Expression and Purification, 2017, 132, 164-170.	1.3	23
11	Modified His-tag fusion vector for enhanced protein purification by immobilized metal affinity chromatography. Analytical Biochemistry, 2006, 355, 148-150.	2.4	22
12	A walk down the red carpet: students as producers of digital video-based knowledge. International Journal of Technology Enhanced Learning, 2013, 5, 24.	0.7	19
13	Isolation and characterization of a novel thermo-solvent-stable lipase from Pseudomonas brenneri and its application in biodiesel synthesis. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101806.	3.1	14
14	Consensus mutagenesis reveals that non-helical regions influence thermal stability of horseradish peroxidase. Biochimie, 2008, 90, 1389-1396.	2.6	13
15	Î²-glucosidase from Streptomyces griseus: Ester hydrolysis and alkyl glucoside synthesis in the presence of Deep Eutectic Solvents. Current Research in Green and Sustainable Chemistry, 2021, 4, 100129.	5.6	13
16	Effects of mutations in the helix G region of horseradish peroxidase. Biochimie, 2008, 90, 1414-1421.	2.6	11
17	A short chain NAD(H)-dependent alcohol dehydrogenase (HpSCADH) from Helicobacter pylori: A role in growth under neutral and acidic conditions. International Journal of Biochemistry and Cell Biology, 2013, 45, 1347-1355.	2.8	9
18	The Impact of Social Inclusion on the Social Development of Students with a General Learning Difficulty in Postprimary Education in Ireland. Education Research International, 2019, 2019, 1-7.	1.1	9

#	Article	IF	Citations
19	Theobromine and related methylxanthines as inhibitors of Primary Amine Oxidase. Journal of Food Biochemistry, 2019, 43, e12697.	2.9	8
20	Enzymatic in-situ transesterification of neutral lipids from simulated wastewater cultured Chlorella emersonii and Pseudokirchneriella subcapitata to sustainably produce fatty acid methyl esters. Bioresource Technology Reports, 2020, 11, 100489.	2.7	7
21	Novel Facet of an Old Dietary Molecule? Direct Influence of Caffeine on Glucose and Biogenic Amine Handling by Human Adipocytes. Molecules, 2021, 26, 3831.	3.8	6
22	New inhibitors of the KvÎ²2 subunit from mammalian Kv1 potassium channels. International Journal of Biochemistry and Cell Biology, 2014, 55, 35-39.	2.8	5
23	Avoiding Proteolysis During Protein Purification. Methods in Molecular Biology, 2017, 1485, 53-69.	0.9	5
24	Methylxanthines Inhibit Primary Amine Oxidase and Monoamine Oxidase Activities of Human Adipose Tissue. Medicines (Basel, Switzerland), 2020, 7, 18.	1.4	5
25	Avoiding Proteolysis During Protein Chromatography. Methods in Molecular Biology, 2011, 681, 61-71.	0.9	4
26	Differential Precipitation and Solubilization of Proteins. Methods in Molecular Biology, 2011, 681, 203-213.	0.9	4
27	Differential Precipitation and Solubilization of Proteins. Methods in Molecular Biology, 2017, 1485, 191-208.	0.9	4
28	Near Peers: Harnessing the power of the populous to enhance the learning environment. Irish Journal of Technology Enhanced Learning, 2016, 2, .	0.6	4
29	DEVELOPING MOBILE APPS FOR IMPROVING THE ORIENTATION EXPERIENCE OF FIRST YEAR THIRD LEVEL STUDENTS. , 2016, , .		3
30	The 4Câ€™s of PAL â€“ an evidence-based model for implementing peer assisted learning for mature students. Innovations in Education and Teaching International, 0, , 1-11.	2.5	3
31	Substrate profiling and aldehyde dismutase activity of the KvÎ²2 subunit of the mammalian Kv1 potassium channel. International Journal of Biochemistry and Cell Biology, 2010, 42, 2012-2018.	2.8	2
32	The Statistical Optimisation of Recombinant Î²-glucosidase Production through a Two-Stage, Multi-Model, Design of Experiments Approach. Bioengineering, 2019, 6, 61.	3.5	2
33	Cutinase from Amycolatopsis mediterannei: Marked activation and stabilisation in Deep Eutectic Solvents. Bioresource Technology Reports, 2021, 16, 100882.	2.7	2
34	ProteinParserâ€"A community based tool for the generation of a detailed protein consensus and FASTA output. Computer Methods and Programs in Biomedicine, 2007, 85, 69-76.	4.7	1
35	Nile Red assay development for the estimation of neutral lipids in Chlorella emersonii and Pseudokirchneriella subcapitata. The EuroBiotech Journal, 2020, 4, 216-222.	1.0	1
36	A Study of First Year Undergraduate Computing Studentsâ€™ Experience of Learning Software Development in the Absence of a Software Development Process. , 2019, , .		0

#	Article	IF	Citations
37	Extracellular secretion of a cutinase with polyester-degrading potential by E. coli using a novel signal peptide from Amycolatopsis mediterranei. World Journal of Microbiology and Biotechnology, 2022, 38, 60.	3.6	0