

Amirul Al-Ashraf Abdullah

List of Publications by Year in descending order

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120
papers

2,100
citations

257357

24
h-index

330025

37
g-index

124
all docs

124
docs citations

124
times ranked

1975
citing authors

#	ARTICLE	IF	CITATIONS
1	Biotransformation of oleochemical industry by products to polyhydroxyalkanoate bioplastic using microbial fermentation: A review. <i>Environmental Quality Management</i> , 2022, 31, 31-46.	1.0	6
2	A Critical Review on the Economically Feasible and Sustainable Poly(3-Hydroxybutyrate-co-3-hydroxyvalerate) Production from Alkyl Alcohols. <i>Polymers</i> , 2022, 14, 670.	2.0	5
3	Bioprospecting and Molecular Identification of Used Transformer Oil-Degrading Bacteria for Bioplastics Production. <i>Microorganisms</i> , 2022, 10, 583.	1.6	4
4	A review on biorefining of palm oil and sugar cane agro-industrial residues by bacteria into commercially viable bioplastics and biosurfactants. <i>Fuel</i> , 2022, 321, 124039.	3.4	10
5	Surface Modification of Sponge-like Porous Poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/Gelatin Blend Scaffolds for Potential Biomedical Applications. <i>Polymers</i> , 2022, 14, 1710.	2.0	1
6	Preparation, characterization and biodegradation of blend films of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) with natural biopolymers. <i>Polymer Bulletin</i> , 2021, 78, 3973-3993.	1.7	8
7	Biosorption of a dye and heavy metals using dead cells of filamentous bacterium, <i>Aureispira</i> sp. CCB-QB1. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 1627-1636.	1.8	12
8	Transformation of Biowaste for Medical Applications: Incorporation of Biologically Derived Silver Nanoparticles as Antimicrobial Coating. <i>Antibiotics</i> , 2021, 10, 229.	1.5	23
9	P(3HB-co-4HB) as high value polyhydroxyalkanoate: its development over recent decades and current advances. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 474-490.	5.1	10
10	Insights into the Role of Biopolymer Aerogel Scaffolds in Tissue Engineering and Regenerative Medicine. <i>Polymers</i> , 2021, 13, 1612.	2.0	55
11	Functional Properties of Antimicrobial Neem Leaves Extract Based Macroalgae Biofilms for Potential Use as Active Dry Packaging Applications. <i>Polymers</i> , 2021, 13, 1664.	2.0	16
12	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) copolymer synthesis by using 1-pentanol and oleic acid: Process optimization and polymer characterization. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	1
13	Preliminary study on serum immunoglobulin G responses following intramuscular inoculation of adjuvanted polyhydroxyalkanoate microparticles with <i>Pasteurella multocida</i> vaccine in white rats. <i>Biologicals</i> , 2021, 71, 51-54.	0.5	2
14	Synthesis, Structural Analysis and Antibacterial Studies of Bis- and Open Chain Tetra-N-Heterocyclic Carbene Dinuclear Silver(I) Complexes. <i>Journal of Molecular Structure</i> , 2021, 1236, 130301.	1.8	11
15	Surface Characterization and Physicochemical Evaluation of P(3HB-co-4HB)-Collagen Peptide Scaffolds with Silver Sulfadiazine as Antimicrobial Agent for Potential Infection-Resistance Biomaterial. <i>Polymers</i> , 2021, 13, 2454.	2.0	2
16	Genetic incorporation of oil-utilizing ability in <i>Cupriavidus malaysiensis</i> USMAA2-4 for sustainable polyhydroxyalkanoates production from palm olein and 1-pentanol. <i>Journal of Biotechnology</i> , 2021, 337, 71-79.	1.9	4
17	Recent Advances in the Biosynthesis of Polyhydroxyalkanoates from Lignocellulosic Feedstocks. <i>Life</i> , 2021, 11, 807.	1.1	36
18	Dinuclear silver(I)- and gold(I)-N-heterocyclic carbene complexes of N-alkyl substituted bis-benzimidazol-2-ylidenes with aliphatic spacer: Synthesis, characterizations and antibacterial studies. <i>Journal of Molecular Structure</i> , 2021, 1246, 131187.	1.8	10

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19	The Vibrio-predatory filamentous bacteria effectively removed acute hepatopancreatic necrosis disease (AHPND) causative <i>Vibrio parahaemolyticus</i> in vitro. <i>Aquaculture Reports</i> , 2021, 21, 100910.	0.7	8
20	Surface-Modified Highly Biocompatible Bacterial-poly(3-hydroxybutyrate-co-4-hydroxybutyrate): A Review on the Promising Next-Generation Biomaterial. <i>Polymers</i> , 2021, 13, 51.	2.0	12
21	Data on the effect of electrospinning parameters on the morphology of the nanofibrous poly(3-hydroxybutyrate-co-4-hydroxybutyrate) scaffolds. <i>Data in Brief</i> , 2020, 28, 104777.	0.5	5
22	A Review on Revolutionary Natural Biopolymer-Based Aerogels for Antibacterial Delivery. <i>Antibiotics</i> , 2020, 9, 648.	1.5	71
23	Mononuclear silver(I)-N-heterocyclic carbene complexes with benzimidazole-2-ylidene ligands: synthesis, crystal structure analyses and comparative antibacterial studies. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2698-2717.	0.8	9
24	Metagenomic data on bacterial diversity profiling of high-microbial-abundance tropical marine sponges <i>Aaptos aaptos</i> and <i>Xestospongia muta</i> from waters off terengganu, South China Sea. <i>Data in Brief</i> , 2020, 31, 105971.	0.5	4
25	Elucidating the Surface Functionality of Biomimetic RGD Peptides Immobilized on Nano-P(3HB-co-4HB) for H9c2 Myoblast Cell Proliferation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 567693.	2.0	16
26	Elucidation of Antimicrobial Silver Sulfadiazine (SSD) Blend/Poly(3-Hydroxybutyrate-co-4-Hydroxybutyrate) Immobilised with Collagen Peptide as Potential Biomaterial. <i>Polymers</i> , 2020, 12, 2979.	2.0	8
27	Docetaxel-Loaded Poly(3HB-co-4HB) Biodegradable Nanoparticles: Impact of Copolymer Composition. <i>Nanomaterials</i> , 2020, 10, 2123.	1.9	15
28	Fabrication and characterization of P(3HB-co-4HB)/gelatine biomimetic nanofibrous scaffold for tissue engineering application. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	10
29	New class of non-symmetrical homo-dibenzimidazolium salts and their dinuclear Silver(I) di-NHC complexes. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120914.	0.8	10
30	The effect of short alkane bridges in stability of bisbenzimidazole-2-ylidene silver(I) complexes: synthesis, crystal structure and antibacterial activity. <i>Journal of Coordination Chemistry</i> , 2019, 72, 894-907.	0.8	6
31	Designing Novel Interfaces via Surface Functionalization of Short-Chain-Length Polyhydroxyalkanoates. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-15.	0.8	16
32	Dataset on controlled production of polyhydroxyalkanoate-based microbead using double emulsion solvent evaporation technique. <i>Data in Brief</i> , 2019, 23, 103675.	0.5	19
33	Complete genome sequence of the novel agarolytic <i>Catenovulum</i> -like strain CCB-QB4. <i>Marine Genomics</i> , 2019, 43, 50-53.	0.4	5
34	High PHA density fed-batch cultivation strategies for 4HB-rich P(3HB-co-4HB) copolymer production by transformant <i>Cupriavidus malaysiensis</i> USMAA1020. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 1024-1032.	3.6	36
35	Purification and characterization of new bio-plastic degrading enzyme from <i>Burkholderia cepacia</i> DP1. <i>Protein Expression and Purification</i> , 2019, 155, 35-42.	0.6	10
36	Optimizing the biosynthesis of renewable polyhydroxyalkanoate copolymer containing 3-hydroxyvalerate by <i>Massilia haematophila</i> using statistical modeling. <i>Biotechnologia</i> , 2019, 100, 359-371.	0.3	6

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37	Draft Genome Sequence of the Halophilic Pararhodobacter-Like Strain CCB-MM2, Which Has Polyhydroxyalkanoate-Synthesizing Potential. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	0
38	Production of high molecular weight poly(3-hydroxybutyrate-co-4-hydroxybutyrate) copolymer by <i>Cupriavidus malaysiensis</i> USMAA1020 utilising substrate with longer carbon chain. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 217-223.	3.6	11
39	<i>Cupriavidus malaysiensis</i> sp. nov., a novel poly(3-hydroxybutyrate-co-4-hydroxybutyrate) accumulating bacterium isolated from the Malaysian environment. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 361-372.	0.7	5
40	Data on partial polyhydroxyalkanoate synthase genes (phaC) mined from <i>Aaptos aaptos</i> marine sponge-associated bacteria metagenome. <i>Data in Brief</i> , 2018, 16, 75-80.	0.5	2
41	Complete Genome Sequences of Three <i>Cupriavidus</i> Strains Isolated from Various Malaysian Environments. <i>Genome Announcements</i> , 2017, 5, .	0.8	11
42	Agarolytic bacterium <i>Persicobacter</i> sp. CCB-QB2 exhibited a diauxic growth involving galactose utilization pathway. <i>MicrobiologyOpen</i> , 2017, 6, e00405.	1.2	9
43	Pilot scale production of poly(3-hydroxybutyrate- co -4-hydroxybutyrate) biopolymers with high molecular weight and elastomeric properties. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 76-83.	1.1	27
44	Enhanced degradation of polyhydroxyalkanoates (PHAs) by newly isolated <i>Burkholderia cepacia</i> DP1 with high depolymerase activity. <i>3 Biotech</i> , 2017, 7, 75.	1.1	9
45	Synthesis of high 4-hydroxybutyrate copolymer by <i>Cupriavidus</i> sp. transformants using one-stage cultivation and mixed precursor substrates strategy. <i>Enzyme and Microbial Technology</i> , 2017, 98, 1-8.	1.6	16
46	En route to economical eco-friendly solvent system in enhancing sustainable recovery of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) copolymer. <i>Engineering in Life Sciences</i> , 2017, 17, 1050-1059.	2.0	5
47	Microbial-based synthesis of highly elastomeric biodegradable poly(3-hydroxybutyrate- co) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 983-995.	3.6	24
48	Combination of 4-Hydroxybutyrate Carbon Precursors as Substrate for Simultaneous Production of P(3HB-co-4HB) and Yellow Pigment by <i>Cupriavidus</i> sp. USMAHM13. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2303-2311.	1.7	2
49	Exploring the Potential of 1-Pentanol and Oleic Acid for Optimizing the Production of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Copolymer by <i>Cupriavidus</i> sp. USMAA1020. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2313-2320.	1.7	6
50	<i>Mangrovimonas xylaniphaga</i> sp. nov. isolated from estuarine mangrove sediment of Matang Mangrove Forest, Malaysia. <i>Archives of Microbiology</i> , 2017, 199, 63-67.	1.0	11
51	Synthesis of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) with high 4HB composition and PHA content using 1,4-butanediol and 1,6-hexanediol for medical application. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	21
52	Draft Genome Sequence of Halophilic <i>Hahella</i> sp. Strain CCB-MM4, Isolated from Matang Mangrove Forest in Perak, Malaysia. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
53	A fed-batch strategy to produce high poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) terpolymer yield with enhanced mechanical properties in bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1643-1656.	1.7	9
54	Enhanced production of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) copolymer and antimicrobial yellow pigmentation from <i>Cupriavidus</i> sp. USMAHM13 with antibiofilm capability. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 388-396.	1.0	4

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55	A Marine Actinomycete Rescues <i>Caenorhabditis elegans</i> from <i>Pseudomonas aeruginosa</i> Infection through Restitution of Lysozyme 7. <i>Frontiers in Microbiology</i> , 2017, 8, 2267.	1.5	6
56	Complete genome sequence of <i>Microbulbifer</i> sp. CCB-MM1, a halophile isolated from Matang Mangrove Forest, Malaysia. <i>Standards in Genomic Sciences</i> , 2017, 12, 36.	1.5	11
57	Bioconversion of novel and renewable agro-industry by-products into a biodegradable poly(3-hydroxybutyrate) by marine <i>Bacillus megaterium</i> UMTKB-1 strain. <i>Biotechnologia</i> , 2017, 2, 141-151.	0.3	19
58	Photoautotrophic Polyhydroxyalkanoate Production in Cyanobacteria. , 2017, , .		0
59	Simultaneous dual syringe electrospinning system using benign solvent to fabricate nanofibrous P(3HB-co-4HB)/collagen peptides construct as potential leave-on wound dressing. <i>Materials Science and Engineering C</i> , 2016, 66, 147-155.	3.8	44
60	Synthesis, structures and antibacterial studies of non-functionalized and nitrile-functionalized bis-benzimidazolium salts and respective dinuclear silver(I)-N-heterocyclic carbene complexes. <i>Polyhedron</i> , 2016, 117, 628-636.	1.0	29
61	Synthesis of a palladium(II) complex of a N-heterocyclic carbene via transmetalation: crystal structure and antibacterial studies. <i>Transition Metal Chemistry</i> , 2016, 41, 775-781.	0.7	7
62	Biomacromolecule immobilization: grafting of fish-scale collagen peptides onto aminolyzed P(3HB-co-4HB) scaffolds as a potential wound dressing. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 055009.	1.7	26
63	New non-functionalized and nitrile-functionalized benzimidazolium salts and their silver(I) complexes: Synthesis, crystal structures and antibacterial studies. <i>Polyhedron</i> , 2016, 109, 208-217.	1.0	16
64	Extracellular Polyhydroxyalkanoate Depolymerase by <i>Acidovorax</i> sp. DP5. <i>Enzyme Research</i> , 2015, 2015, 1-8.	1.8	25
65	Designing of Collagen Based Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) Scaffolds for Tissue Engineering. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-10.	1.2	14
66	Cyanobacteria: Photoautotrophic Microbial Factories for the Sustainable Synthesis of Industrial Products. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	116
67	Microbial Production of Polyhydroxyalkanoates for Agricultural and Aquacultural Applications. <i>Microbiology Monographs</i> , 2015, , 129-164.	0.3	0
68	Biosynthetic enhancement of single-stage Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) production by manipulating the substrate mixtures. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 1291-1297.	1.4	15
69	Identification of polyunsaturated fatty acid and diterpenoid biosynthesis pathways from draft genome of <i>Aureispira</i> sp. CCB-QB1. <i>Marine Genomics</i> , 2015, 19, 39-44.	0.4	19
70	Synthesis, crystal structures, characterization and biological studies of nitrile-functionalized silver(I) N-heterocyclic carbene complexes. <i>Inorganica Chimica Acta</i> , 2015, 433, 35-44.	1.2	30
71	Influence of Feeding and Controlled Dissolved Oxygen Level on the Production of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) Copolymer by <i>Cupriavidus</i> sp. USMAA2-4 and Its Characterization. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1315-1334.	1.4	17
72	Silver(I) complexes of mono- and bidentate N-heterocyclic carbene ligands: Synthesis, crystal structures, and <i>in vitro</i> antibacterial and anticancer studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 82-92.	2.6	107

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73	Fabrication and Degradation of Electrospun Polyhydroxyalkanoate Film. <i>Journal of Siberian Federal University - Biology</i> , 2015, 8, 236-253.	0.2	2
74	Synthesis of P(3HB-co-4HB) copolymer with target-specific 4HB molar fractions using combinations of carbon substrates. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 407-418.	1.6	13
75	Pronounced synergistic influence of mixed substrate cultivation on single step copolymer P(3HB-co-4HB) biosynthesis with a wide range of 4HB monomer composition. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1023-1029.	1.6	21
76	Synthesis of poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/chitosan/silver nanocomposite material with enhanced antimicrobial activity. <i>Biotechnology Progress</i> , 2014, 30, 1469-1479.	1.3	12
77	Identification and Characterization of the Yellow Pigment Synthesized by <i>Cupriavidus</i> sp. USMAHM13. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 461-470.	1.4	10
78	Bioconversion of Glycerine Pitch into a Novel Yellow-Pigmented P(3HB-co-4HB) Copolymer: Synergistic Effect of Ammonium Acetate and Polymer Characteristics. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 891-909.	1.4	14
79	Silver(I)-N-heterocyclic carbene complexes of bis-imidazol-2-ylidenes having different aromatic spacers: synthesis, crystal structure, and <i>in vitro</i> antimicrobial and anticancer studies. <i>Applied Organometallic Chemistry</i> , 2013, 27, 465-473.	1.7	28
80	Preparation and Characterization of Polyhydroxyalkanoates Macroporous Scaffold Through Enzyme-Mediated Modifications. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 690-709.	1.4	19
81	Fabrication of poly(3-hydroxybutyrate-co-4-hydroxybutyrate)/chitosan blend material: synergistic effects on physical, chemical, thermal and biological properties. <i>Polymer Bulletin</i> , 2013, 70, 1937-1957.	1.7	12
82	Green nanobiocomposite: reinforcement effect of montmorillonite clays on physical and biological advancement of various polyhydroxyalkanoates. <i>Polymer Bulletin</i> , 2013, 70, 755-771.	1.7	24
83	Evaluation of unrefined glycerine pitch as an efficient renewable carbon resource for the biosynthesis of novel yellow-pigmented P(3HB-co-4HB) copolymer towards green technology. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1250-1257.	1.4	9
84	A high throughput Nile red fluorescence method for rapid quantification of intracellular bacterial polyhydroxyalkanoates. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 472-478.	1.4	50
85	Studies on the Microbial Synthesis and Characterization of Polyhydroxyalkanoates Containing 4-Hydroxyvalerate Using γ -Valerolactone. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1194-1215.	1.4	16
86	Effect of different recovery strategies of P(3HB-co-3HHx) copolymer from <i>Cupriavidus necator</i> recombinant harboring the PHA synthase of <i>Chromobacterium</i> sp. USM2. <i>Separation and Purification Technology</i> , 2013, 102, 111-117.	3.9	25
87	Sterically tuned Ag(i)- and Pd(ii)-N-heterocyclic carbene complexes of imidazol-2-ylidenes: synthesis, crystal structures, and <i>in vitro</i> antibacterial and anticancer studies. <i>Metallomics</i> , 2013, 5, 760.	1.0	53
88	Yellow-pigmented <i>Cupriavidus</i> sp., a novel bacterium capable of utilizing glycerine pitch for the sustainable production of P(3HB-co-4HB). <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1030-1038.	1.6	24
89	Increased recovery and improved purity of PHA from recombinant <i>Cupriavidus necator</i> . <i>Bioengineered</i> , 2013, 4, 115-118.	1.4	26
90	Productivity increment of biodegradable and biorenewable copolymer containing 3-hydroxyvalerate monomer initiated by alcohols as precursor substrates. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1364-1370.	1.6	4

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91	Efficient Polyhydroxyalkanoate Recovery from Recombinant <i>Cupriavidus necator</i> by Using Low Concentration of NaOH. <i>Environmental Engineering Science</i> , 2012, 29, 783-789.	0.8	16
92	Synthesis and Characterization of Polyols from Refined Cooking Oil for Polyurethane Foam Formation. <i>Frontiers in Forests and Global Change</i> , 2012, 31, 19-38.	0.6	11
93	The Effect of Different Peroxide on LDPE Foam Properties in the Presence of Polyfunctional Monomers. <i>Frontiers in Forests and Global Change</i> , 2012, 31, 145-164.	0.6	3
94	Rhamnolipid produced by <i>Pseudomonas aeruginosa</i> USM-AR2 facilitates crude oil distillation. <i>Journal of General and Applied Microbiology</i> , 2012, 58, 153-161.	0.4	10
95	Improvement of the production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) terpolymer by manipulating the culture condition. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1607-1614.	1.6	9
96	Empirical modeling development for integrated process optimization of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2155-2162.	1.3	9
97	Enhanced Recovery and Purification of P(3HB-co-3HHx) from Recombinant <i>Cupriavidus necator</i> Using Alkaline Digestion Method. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 524-535.	1.4	24
98	Environmental Degradation of Microbial Polyhydroxyalkanoates and Oil Palm-Based Composites. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 314-326.	1.4	20
99	Tailoring the surface architecture of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) scaffolds. <i>Journal of Applied Polymer Science</i> , 2012, 124, 2777-2788.	1.3	12
100	Biosynthesis of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) terpolymer by <i>Cupriavidus</i> sp. USMAA2-4 through two-step cultivation process. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2287-2295.	1.7	13
101	Regulating the molar fraction of 4-hydroxybutyrate in Poly(3-hydroxybutyrate-co-4-hydroxybutyrate) by biological fermentation and enzymatic degradation. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2455-2459.	1.7	13
102	Biosynthesis of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and characterisation of its blend with oil palm empty fruit bunch fibers. <i>Bioresource Technology</i> , 2011, 102, 3626-3628.	4.8	39
103	Biosynthesis and Characterization of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-4-hydroxybutyrate) Terpolymer with Various Monomer Compositions by <i>Cupriavidus</i> sp. USMAA2-4. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 867-877.	1.4	23
104	Cellulase production by free and immobilized <i>Aspergillus terreus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 79-84.	1.7	19
105	Improved production of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) copolymer using a combination of 1,4-butanediol and γ -butyrolactone. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 743-746.	1.7	20
106	Heterologous expression of <i>Cupriavidus</i> sp. USMAA2-4 PHA synthase gene in PHB ⁺ mutant for the production of poly(3-hydroxybutyrate) and its copolymers. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1595-1603.	1.7	13
107	Aerobic Degradation of Volatile Fatty Acids by Bacterial Strain Isolated from Rivers and Cow Farm in Malaysia. <i>Journal of Bioremediation & Biodegradation</i> , 2010, 01, .	0.5	5
108	PCR assembly of synthetic human erythropoietin gene. <i>Electronic Journal of Biotechnology</i> , 2009, 12, .	1.2	1

