

# Anthony P Mchale

## List of Publications by Year in descending order

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143  
papers

4,529  
citations

94433

37  
h-index

123424

61  
g-index

151  
all docs

151  
docs citations

151  
times ranked

4315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonodynamic Therapy: Concept, Mechanism and Application to Cancer Treatment. <i>Advances in Experimental Medicine and Biology</i> , 2016, 880, 429-450.	1.6	237
2	Treating cancer with sonodynamic therapy: A review. <i>International Journal of Hyperthermia</i> , 2015, 31, 107-117.	2.5	236
3	Oxygen carrying microbubbles for enhanced sonodynamic therapy of hypoxic tumours. <i>Journal of Controlled Release</i> , 2015, 203, 51-56.	9.9	225
4	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 1998, 14, 809-821.	3.6	173
5	Iodinated cyanine dyes: a new class of sensitizers for use in NIR activated photodynamic therapy (PDT). <i>Chemical Communications</i> , 2017, 53, 2009-2012.	4.1	143
6	Use of a tetrazolium based colorimetric assay in assessing photoradiation therapy in vitro. <i>Cancer Letters</i> , 1988, 41, 315-321.	7.2	116
7	Combined sonodynamic and antimetabolite therapy for the improved treatment of pancreatic cancer using oxygen loaded microbubbles as a delivery vehicle. <i>Biomaterials</i> , 2016, 80, 20-32.	11.4	116
8	Extending the tissue penetration capability of conventional photosensitizers: a carbon quantum dotâ€“protoporphyrin IX conjugate for use in two-photon excited photodynamic therapy. <i>Chemical Communications</i> , 2013, 49, 8934.	4.1	107
9	Optimising ultrasound-mediated gene transfer (sonoporation) in vitro and prolonged expression of a transgene in vivo: Potential applications for gene therapy of cancer. <i>Cancer Letters</i> , 2009, 273, 62-69.	7.2	99
10	Gemcitabine loaded microbubbles for targeted chemo-sonodynamic therapy of pancreatic cancer. <i>Journal of Controlled Release</i> , 2018, 279, 8-16.	9.9	92
11	Oxygen generating nanoparticles for improved photodynamic therapy of hypoxic tumours. <i>Journal of Controlled Release</i> , 2017, 264, 333-340.	9.9	79
12	Carbon quantum dotâ€“NO photoreleaser nanohybrids for two-photon phototherapy of hypoxic tumors. <i>Chemical Communications</i> , 2015, 51, 81-84.	4.1	76
13	The Effects of Ultrasound and Light on Indocyanineâ€“Greenâ€“Treated Tumour Cells and Tissues. <i>ChemMedChem</i> , 2012, 7, 1465-1471.	3.2	72
14	Microbial biosorption of metals: Potential in the treatment of metal pollution. <i>Biotechnology Advances</i> , 1994, 12, 647-652.	11.7	71
15	Studies on the biosorption of uranium by <i>Talaromyces emersonii</i> CBS 814.70 biomass. <i>Applied Microbiology and Biotechnology</i> , 1995, 42, 807-811.	3.6	71
16	Sonodynamic inactivation of Gram-positive and Gram-negative bacteria using a Rose Bengalâ€“antimicrobial peptide conjugate. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 31-36.	2.5	69
17	Exploiting ultrasound-mediated effects in delivering targeted, site-specific cancer therapy. <i>Cancer Letters</i> , 2010, 296, 133-143.	7.2	67
18	Direct Evidence of Multibubble Sonoluminescence Using Therapeutic Ultrasound and Microbubbles. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19913-19919.	8.0	66

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19	Microbubble‐sonosensitiser conjugates as therapeutics in sonodynamic therapy. <i>Chemical Communications</i> , 2012, 48, 8332.	4.1	63
20	Polymeric Microbubbles as Delivery Vehicles for Sensitizers in Sonodynamic Therapy. <i>Langmuir</i> , 2014, 30, 14926-14930.	3.5	62
21	Rapid paper based colorimetric detection of glucose using a hollow microneedle device. <i>International Journal of Pharmaceutics</i> , 2018, 547, 244-249.	5.2	62
22	Synergistic hydrolysis of cellulose by components of the extracellular cellulase system of <i>Talaromyces emersonii</i> . <i>FEBS Letters</i> , 1980, 117, 319-322.	2.8	59
23	Comparing the efficacy of photodynamic and sonodynamic therapy in non-melanoma and melanoma skin cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3023-3028.	3.0	58
24	The cellulolytic system of <i>Talaromyces emersonii</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 662, 152-159.	2.6	57
25	Studies on neutral, cationic and biotinylated cationic microbubbles in enhancing ultrasound-mediated gene delivery in vitro and in vivo. <i>Acta Biomaterialia</i> , 2012, 8, 1273-1280.	8.3	55
26	Reducing Tumour Hypoxia via Oral Administration of Oxygen Nanobubbles. <i>PLoS ONE</i> , 2016, 11, e0168088.	2.5	52
27	Targeted chemo-sonodynamic therapy treatment of breast tumours using ultrasound responsive microbubbles loaded with paclitaxel, doxorubicin and Rose Bengal. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 224-231.	4.3	51
28	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 1998, 14, 823-834.	3.6	50
29	Water soluble quantum dots as hydrophilic carriers and two-photon excited energy donors in photodynamic therapy. <i>Journal of Materials Chemistry</i> , 2012, 22, 6456.	6.7	50
30	Studies on the use of a thermotolerant strain of <i>Kluyveromyces marxianus</i> in simultaneous saccharification and ethanol formation from cellulose. <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 518-520.	3.6	49
31	Magnetically responsive microbubbles as delivery vehicles for targeted sonodynamic and antimetabolite therapy of pancreatic cancer. <i>Journal of Controlled Release</i> , 2017, 262, 192-200.	9.9	47
32	A versatile, stimulus-responsive nanoparticle-based platform for use in both sonodynamic and photodynamic cancer therapy. <i>Acta Biomaterialia</i> , 2017, 49, 414-421.	8.3	46
33	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 385-388.	2.2	45
34	The cellulolytic system of <i>Talaromyces emersonii</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 662, 145-151.	2.6	44
35	Ethanol production at 45 °C by an alginate-immobilized, thermotolerant strain of <i>Kluyveromyces marxianus</i> following growth on glucose-containing media. <i>Biotechnology Letters</i> , 1994, 16, 849-852.	2.2	42
36	Enhancing ultrasound-mediated cell membrane permeabilisation (sonoporation) using a high frequency pulse regime and implications for ultrasound-aided cancer chemotherapy. <i>Cancer Letters</i> , 2008, 266, 156-162.	7.2	42

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37	Antimicrobial sonodynamic and photodynamic therapies against <i>Candida albicans</i> . <i>Biofouling</i> , 2018, 34, 357-367.	2.2	40
38	Phthalocyanine-loaded nanostructured lipid carriers functionalized with folic acid for photodynamic therapy. <i>Materials Science and Engineering C</i> , 2020, 108, 110462.	7.3	39
39	Sonoporation Increases Therapeutic Efficacy of Inducible and Constitutive <i>BMP2/7</i> In Vivo Gene Delivery. <i>Human Gene Therapy Methods</i> , 2014, 25, 57-71.	2.1	38
40	Magnetic microbubble mediated chemo-sonodynamic therapy using a combined magnetic-acoustic device. <i>Journal of Controlled Release</i> , 2020, 317, 23-33.	9.9	38
41	Ultrasound-enhanced drug dispersion through solid tumours and its possible role in aiding ultrasound-targeted cancer chemotherapy. <i>Cancer Letters</i> , 2010, 288, 94-98.	7.2	37
42	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 49-51.	2.2	36
43	Production of ethanol by the thermotolerant yeast <i>Kluyveromyces marxianus</i> IMB3 during growth on lactose-containing media. <i>Biotechnology Letters</i> , 1994, 16, 737-740.	2.2	35
44	Production of Electrical Energy from Carbohydrates using a Transition Metal-Catalysed Liquid Alkaline Fuel Cell. <i>Biotechnology Letters</i> , 2004, 26, 1771-1776.	2.2	35
45	Enhanced ROS production and cell death through combined photo- and sono-activation of conventional photosensitising drugs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5750-5752.	2.2	35
46	Biosorption of heavy metals by distillery-derived biomass. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 351.	0.5	33
47	Investigating the performance of a novel pH and cathepsin B sensitive, stimulus-responsive nanoparticle for optimised sonodynamic therapy in prostate cancer. <i>Journal of Controlled Release</i> , 2021, 329, 76-86.	9.9	33
48	Studies on the growth of a thermotolerant yeast strain, <i>Kluyveromyces marxianus</i> IMB3, on sucrose containing media. <i>Biotechnology Letters</i> , 1993, 15, 1195-1198.	2.2	32
49	Production, isolation and partial characterization of an amylase system produced by <i>Talaromyces emersonii</i> CBS 814.70. <i>Enzyme and Microbial Technology</i> , 1989, 11, 370-375.	3.2	31
50	Methotrexate-loaded, photosensitized erythrocytes: a photo-activatable carrier/delivery system for use in cancer therapy. <i>Cancer Letters</i> , 1994, 82, 225-229.	7.2	27
51	An ultrasound responsive microbubble-liposome conjugate for targeted irinotecan-oxaliplatin treatment of pancreatic cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 233-240.	4.3	25
52	Rose Bengal-“Amphiphilic Peptide Conjugate for Enhanced Photodynamic Therapy of Malignant Melanoma. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1328-1336.	6.4	25
53	Sonodynamic therapy complements PD-L1 immune checkpoint inhibition in a murine model of pancreatic cancer. <i>Cancer Letters</i> , 2021, 517, 88-95.	7.2	25
54	Cellulase production during growth of <i>Talaromyces emersonii</i> CBS 814.70 on lactose containing media. <i>Enzyme and Microbial Technology</i> , 1986, 8, 749-754.	3.2	24

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55	Growth of a thermotolerant ethanol-producing strain of <i>Kluyveromyces marxianus</i> on cellobiose containing media. <i>Biotechnology Letters</i> , 1994, 16, 625-630.	2.2	24
56	Isolation and partial characterization of $\beta$ -galactosidase activity produced by a thermotolerant strain of <i>Kluyveromyces marxianus</i> during growth on lactose-containing media. <i>Enzyme and Microbial Technology</i> , 1995, 17, 696-699.	3.2	24
57	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 1997, 13, 283-288.	3.6	24
58	Pt-based electro-catalytic materials derived from biosorption processes and their exploitation in fuel cell technology. <i>Biotechnology Letters</i> , 2007, 29, 545-551.	2.2	24
59	Biosorption of textile dyes by biomass derived from. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 427.	0.5	24
60	Encapsulation of the thrombolytic enzyme, brinase, in photosensitized erythrocytes: a novel thrombolytic system based on photodynamic activation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 26, 193-196.	3.8	23
61	Ethanol production at 45 $\frac{1}{2}$ °C by <i>Kluyveromyces marxianus</i> IMB3 immobilized in magnetically responsive alginate matrices. <i>Biotechnology Letters</i> , 1996, 18, 1213-1216.	2.2	23
62	Production of ethanol from sucrose at 45 $\hat{A}$ °C by alginate-immoblized preparations of the thermotolerant yeast strain <i>Kluyveromyces marxianus</i> IMB3. <i>Bioresource Technology</i> , 1996, 55, 171-173.	9.6	22
63	Modulation of ROS production in photodynamic therapy using a pH controlled photoinduced electron transfer (PET) based sensitiser. <i>Chemical Communications</i> , 2015, 51, 16832-16835.	4.1	22
64	Exploiting a Rose Bengal-bearing, oxygen-producing nanoparticle for SDT and associated immune-mediated therapeutic effects in the treatment of pancreatic cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 163, 49-59.	4.3	22
65	Production of ethanol at 45 $\hat{A}$ °C on starch-containing media by mixed cultures of the thermotolerant, ethanol-producing yeast <i>Kluyveromyces marxianus</i> IMB3 and the thermophilic filamentous fungus <i>Talaromyces emersonii</i> CBS 814.70. <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 408-411.	3.6	21
66	Combining sonodynamic therapy with chemoradiation for the treatment of pancreatic cancer. <i>Journal of Controlled Release</i> , 2021, 337, 371-377.	9.9	21
67	Combined electric field and ultrasound therapy as a novel anti-tumour treatment. <i>European Journal of Cancer</i> , 2005, 41, 1339-1348.	2.8	20
68	Ultrasound-responsive gene-activated matrices for osteogenic gene therapy using matrix-assisted sonoporation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e250-e260.	2.7	19
69	The Role of PEG-40-stearate in the Production, Morphology, and Stability of Microbubbles. <i>Langmuir</i> , 2019, 35, 10014-10024.	3.5	19
70	The production of ethanol from cellobiose using immobilized $\beta$ -glucosidase coentrapped with yeast in alginate gels. <i>Biotechnology and Bioengineering</i> , 1982, 24, 1461-1463.	3.3	18
71	Increased efficiency of substrate utilization by exposure of the thermotolerant yeast strain, <i>Kluyveromyces marxianus</i> IMB3 to electric-field stimulation. <i>Biotechnology Letters</i> , 1995, 9, 133.	0.5	18
72	Biosorption of uranium by cross-linked and alginate immobilized residual biomass from distillery spent wash. <i>Bioprocess and Biosystems Engineering</i> , 1997, 17, 127.	0.5	18

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73	Cathepsin B-degradable, NIR-responsive nanoparticulate platform for target-specific cancer therapy. <i>Nanotechnology</i> , 2017, 28, 055101.	2.6	18
74	Electroneutral polymersomes for combined cancer chemotherapy. <i>Acta Biomaterialia</i> , 2018, 80, 327-340.	8.3	18
75	A single microbubble formulation carrying 5-fluorouridine, Irinotecan and oxaliplatin to enable FOLFIRINOX treatment of pancreatic and colon cancer using ultrasound targeted microbubble destruction. <i>Journal of Controlled Release</i> , 2021, 338, 358-366.	9.9	18
76	Production of cellulase and Î <sup>2</sup> -glucosidase activities following growth of <i>Streptomyces hygroscopicus</i> on cellulose containing media. <i>Biotechnology Letters</i> , 1993, 15, 1265-1268.	2.2	17
77	Production of cellulase and Î <sup>2</sup> -glucosidase activity during growth of the actinomycete <i>Micromonospora chalcae</i> on cellulose-containing media. <i>Biotechnology Letters</i> , 1996, 18, 537-540.	2.2	17
78	The effects of phosphoric acid pretreatment on conversion of cellulose to ethanol at 45î½C using the thermotolerant yeast <i>Kluyveromyces marxianus</i> IMB3. <i>Biotechnology Letters</i> , 1995, 17, 985-988.	2.2	16
79	Short communication: Ethanol production from cellulose at 45î½C using a batch-fed system containing alginate-immobilized <i>Kluyveromyces marxianus</i> IMB3. <i>World Journal of Microbiology and Biotechnology</i> , 1996, 12, 103-104.	3.6	15
80	Electro-sensitisation of mammalian cells and tissues to ultrasound: a novel tumour treatment modality. <i>Cancer Letters</i> , 2005, 222, 49-55.	7.2	14
81	Production of ethanol from molasses at 45â€šC using alginate-immobilized. <i>Bioprocess and Biosystems Engineering</i> , 1997, 16, 389.	0.5	14
82	A convenient zymogram stain for cellulases. <i>Biochemical Journal</i> , 1981, 199, 267-268.	3.7	13
83	Cellulase production by <i>Talaromyces emersonii</i> CBS 814.70 and a mutant UV7 during growth on cellulose, lactose and glucose containing media. <i>Enzyme and Microbial Technology</i> , 1987, 9, 422-425.	3.2	13
84	Ultrasound-mediated gene transfer (sonoporation) in fibrin-based matrices: potential for use in tissue regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 29-39.	2.7	13
85	Cholesteryl to improve the cellular uptake of polymersomes within HeLa cells. <i>International Journal of Pharmaceutics</i> , 2016, 511, 570-578.	5.2	13
86	Human serum xanthine oxidase: Fluorometric assay applicable to the investigation of liver disorders. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1979, 10, 317-319.	0.5	12
87	Chitinase production following co-immobilization of <i>Micromonospora chalcae</i> with chitin in calcium alginate. <i>Biotechnology Letters</i> , 1989, 11, 735-738.	2.2	12
88	Production of an extracellular chitinolytic system by <i>Talaromyces emersonii</i> CBS 814.70.. <i>Biotechnology Letters</i> , 1990, 12, 673-678.	2.2	12
89	The effect of electric field stimulation on the biosorption of uranium by non-living biomass derived from <i>Kluyveromyces marxianus</i> IMB3. <i>Biotechnology Letters</i> , 1995, 17, 439-442.	2.2	12
90	Microbubble-enhanced ultrasound-mediated gene transfer â€œ Towards the development of targeted gene therapy for cancer. <i>International Journal of Hyperthermia</i> , 2012, 28, 300-310.	2.5	12

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91	Synthesis of a gemcitabine-modified phospholipid and its subsequent incorporation into a single microbubble formulation loaded with paclitaxel for the treatment of pancreatic cancer using ultrasound-targeted microbubble destruction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 374-382.	4.3	12
92	Production and characterization of monoclonal antibodies to the cellulases produced by <i>Talaromyces emersonii</i> CBS 814.70. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1987, 924, 147-153.	2.4	11
93	Removal of lead from solution using non-living residual brewery yeast. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 277.	0.5	11
94	Cellulase production by <i>Talaromyces emersonii</i> CBS 814.70 co-immobilized with cellulose in calcium alginate. <i>Biotechnology Letters</i> , 1988, 10, 361-364.	2.2	10
95	Purification of $\beta$ -D-glucoside glucohydrolases of <i>Talaromyces emersonii</i> . <i>Methods in Enzymology</i> , 1988, 160, 437-443.	1.0	10
96	Studies on N-acetylglucosaminidase activity produced by <i>Streptomyces hygroscopicus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1074, 1-5.	2.4	10
97	The effects of Mn <sup>2+</sup> on ethanol production by <i>Kluyveromyces marxianus</i> IMB3 during growth on lactose-containing media at 45°C. <i>Biotechnology Letters</i> , 1995, 17, 233-236.	2.2	9
98	Partial characterization of $\beta$ -glucosidase activity produced by <i>Kluyveromyces marxianus</i> IMB3 during growth on cellobiose-containing media at 45°C. <i>Biotechnology Letters</i> , 1995, 17, 1047-1050.	2.2	9
99	The effect of pulse voltage and capacitance on biosorption of uranium by biomass derived from whiskey distillery spent wash. <i>Bioprocess and Biosystems Engineering</i> , 1997, 18, 59.	0.5	9
100	A charge neutral, size tuneable polymersome capable of high biological encapsulation efficiency and cell permeation. <i>International Journal of Pharmaceutics</i> , 2015, 481, 1-8.	5.2	9
101	Orally administered oxygen nanobubbles enhance tumor response to sonodynamic therapy. <i>Nano Select</i> , 2022, 3, 394-401.	3.7	9
102	Effect of High-Energy Shock Wave Frequency on Viability of Malignant Cell Lines in vitro. <i>European Urology</i> , 1992, 22, 70-73.	1.9	8
103	Ultrasound-Mediated Gemcitabine Delivery Reduces the Normal-Tissue Toxicity of Chemoradiation Therapy in a Muscle-Invasive Bladder Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1472-1482.	0.8	8
104	Increased ethanol production during growth of electric-field stimulated <i>Kluyveromyces marxianus</i> IMB3 during growth on lactose-containing media at 45°C. <i>Biotechnology Letters</i> , 1995, 17, 757-760.	2.2	7
105	The effects of microencapsulated <i>Lactobacillus casei</i> on tumour cell growth: In vitro and in vivo studies. <i>International Journal of Medical Microbiology</i> , 2012, 302, 293-299.	3.6	7
106	cDNA cloning and expression of a <i>Talaromyces emersonii</i> $\beta$ -glucosidase determinant in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990, 1049, 27-32.	2.4	6
107	Magnetically responsive photosensitizing reagents for possible use in photoradiation therapy. <i>Cancer Letters</i> , 1994, 78, 109-114.	7.2	6
108	Use of real-time confocal laser scanning microscopy to study immediate effects of photodynamic activation on photosensitized erythrocytes. <i>Cancer Letters</i> , 1996, 101, 165-169.	7.2	6

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109	The effects of electric fields on photosensitized erythrocytes: possible enhancement of photodynamic activation. <i>Cancer Letters</i> , 1996, 106, 69-74.	7.2	6
110	Alginate-immobilized thermotolerant yeast for conversion of cellulose to ethanol. <i>Progress in Biotechnology</i> , 1996, , 379-383.	0.2	6
111	Specific zymogram staining procedure for the exocellobiohydrolase components produced by <i>Talaromyces emersonii</i> CBS 814.70. <i>Enzyme and Microbial Technology</i> , 1989, 11, 17-20.	3.2	5
112	Use of carbohydrate-supplemented distillery spent wash as a medium for ethanol production by a thermotolerant strain of yeast at 45 $\frac{1}{2}$ C. <i>Biotechnology Letters</i> , 1996, 10, 349.	0.5	5
113	Electric field-enhanced activation of hematoporphyrin derivative: effects on a human tumour cell line. <i>Cancer Letters</i> , 1997, 113, 145-151.	7.2	5
114	Studies on the use of a thermotolerant strain of <i>Kluyveromyces marxianus</i> in simultaneous saccharification and ethanol formation from cellulose. <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 518-520.	3.6	5
115	Studies on the microencapsulation of rat pancreatic cell line AR 42J. <i>Biochemical Society Transactions</i> , 1989, 17, 393-394.	3.4	4
116	Differential response of photosensitized young and old human erythrocytes to photodynamic activation. <i>Cancer Letters</i> , 1997, 111, 207-213.	7.2	4
117	Evaluation of Loading Strategies to Improve Tumor Uptake of Gemcitabine in a Murine Orthotopic Bladder Cancer Model Using Ultrasound and Microbubbles. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1596-1615.	1.5	4
118	Polyclonal antibody based immunopurification of an acid stable alpha-amylase produced by <i>Talaromyces emersonii</i> . <i>Biotechnology Letters</i> , 1989, 3, 107-112.	0.5	3
119	Use of piezoelectric shock waves to effect release of amylase from capsules containing the amylase producing rat pancreatic tumour cell line AR42J. <i>Biotechnology Letters</i> , 1989, 3, 355-360.	0.5	3
120	Characterization of uranium binding to residual biomass in distillery spent wash. <i>Studies in Environmental Science</i> , 1997, 66, 531-545.	0.0	3
121	Electric field-assisted biosorption. <i>Biotechnology Letters</i> , 2004, 26, 533-537.	2.2	3
122	Use of an electric field-assisted biosorption process in the removal of hazardous or precious ionic species from wastewater streams. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1514-1519.	3.2	3
123	Electrokinetic dispersion of a cancer chemotherapeutic drug for the treatment of solid tumours. <i>Cancer Letters</i> , 2009, 279, 202-208.	7.2	3
124	Modification of human salivary amylase using dextran T-70. <i>Biotechnology Letters</i> , 1988, 10, 559-562.	2.2	2
125	cDNA cloning and expression of a <i>Talaromyces emersonii</i> amylase encoding genetic determinant in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 1992, 14, 1109-1114.	2.2	2
126	Molecular cloning and expression of a <i>Micromonospora chalybeata</i> $\beta$ -glucosidase encoding gene in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 1996, 18, 1387-1390.	2.2	2

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127	Real time confocal laser scanning microscopy: Potential applications in space medicine and cell biology. <i>Acta Astronautica</i> , 1998, 42, 37-50.	3.2	2
128	A folic acid labelled carbon quantum dot-protoporphyrin IX conjugate for use in folate receptor targeted two-photon excited photodynamic therapy. , 2015, , .		2
129	Production of ethanol from molasses at 45°C using. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 87.	0.5	2
130	The effect of hematoporphyrin derivative and human erythrocyte ghost encapsulated hematoporphyrin derivative on a mouse myeloma cell line. <i>Cancer Biochemistry Biophysics</i> , 1988, 10, 157-64.	0.1	2
131	Production of exocellobiohydrolase activity by <i>Talaromyces emersonii</i> CBS 814.70 during growth on lactose-containing media. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1989, 991, 248-252.	2.4	1
132	Molecular cloning and functional expression of a <i>Talaromyces emersonii</i> derived alpha-amylase encoding genetic determinant in a human cell line. <i>Biotechnology Letters</i> , 1993, 15, 1095-1100.	2.2	1
133	Electro-biosorptive accumulation for use in enhanced detection of fluorogenic tracers and the removal of toxic entities from dilute solutions. <i>Biotechnology Letters</i> , 2007, 29, 561-567.	2.2	1
134	Brain Tumours: Pre-clinical Assessment of Targeted, Site Specific Therapy Exploiting Ultrasound and Cancer Chemotherapeutic Drugs. , 2012, , 313-322.		1
135	Production of ethanol at 45°C on starch-containing media by mixed cultures of the thermotolerant, ethanol-producing yeast <i>Kluyveromyces marxianus</i> IMB3 and the thermophilic filamentous fungus <i>Talaromyces emersonii</i> CBS 814.70. <i>Applied Microbiology and Biotechnology</i> , 1995, 43, 408-411.	3.6	1
136	O-P03 composite polymeric nanoparticle as a sensitiser for sonodynamic therapy (SDT)-based treatment of pancreatic cancer. <i>British Journal of Surgery</i> , 2021, 108, .	0.3	1
137	COMPONENTS OF THE CELLULASE SYSTEM OF <i>TALAROMYCES EMERSONII</i> . <i>Biochemical Society Transactions</i> , 1981, 9, 164P-164P.	3.4	0
138	Conversion of cellulose into ethanol by using fungal cellulase and calcium alginate gel containing yeast and immobilized $\beta$ -glucosidase. <i>Biochemical Society Transactions</i> , 1982, 10, 173-173.	3.4	0
139	Studies on the biosorption of uranium by a thermotolerant, ethanol-producing strain of. <i>Bioprocess and Biosystems Engineering</i> , 1997, 17, 45.	0.5	0
140	Continuous ethanol fermentation at 45°C using. <i>Bioprocess and Biosystems Engineering</i> , 1998, 18, 187.	0.5	0
141	Continuous ethanol production from molasses at 45°C using alginate-immobilized. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 33.	0.5	0
142	Ethanol production at 45°C by. <i>Bioprocess and Biosystems Engineering</i> , 1998, 19, 217.	0.5	0
143	P-P11 tumour responsive, oxygen-generating nanoparticle to combat hypoxia in pancreatic tumours. <i>British Journal of Surgery</i> , 2021, 108, .	0.3	0