

# Kevin A Kavanagh

## List of Publications by Citations

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242  
papers

6,998  
citations

49  
h-index

74  
g-index

266  
ext. papers

8,123  
ext. citations

4.2  
avg, IF

6.13  
L-index

#	Paper	IF	Citations
242	Exploiting the potential of insects for in vivo pathogenicity testing of microbial pathogens. <i>FEMS Microbiology Reviews</i> , <b>2004</b> , 28, 101-12	15.1	248
241	Correlation between virulence of <i>Candida albicans</i> mutants in mice and <i>Galleria mellonella</i> larvae. <i>FEMS Immunology and Medical Microbiology</i> , <b>2002</b> , 34, 153-7		238
240	Mite-related bacterial antigens stimulate inflammatory cells in rosacea. <i>British Journal of Dermatology</i> , <b>2007</b> , 157, 474-81	4	191
239	Superoxide production in <i>Galleria mellonella</i> hemocytes: identification of proteins homologous to the NADPH oxidase complex of human neutrophils. <i>Infection and Immunity</i> , <b>2005</b> , 73, 4161-70	3.7	178
238	An analysis of the structural and functional similarities of insect hemocytes and mammalian phagocytes. <i>Virulence</i> , <b>2013</b> , 4, 597-603	4.7	168
237	Development of an insect model for the in vivo pathogenicity testing of yeasts. <i>FEMS Immunology and Medical Microbiology</i> , <b>2000</b> , 27, 163-9		168
236	Anticancer and antifungal activity of copper(II) complexes of quinolin-2(1H)-one-derived Schiff bases. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 4048-4058	2.7	152
235	Self-protection against gliotoxin--a component of the gliotoxin biosynthetic cluster, GliT, completely protects <i>Aspergillus fumigatus</i> against exogenous gliotoxin. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000952	7.6	138
234	Correlation between gliotoxin production and virulence of <i>Aspergillus fumigatus</i> in <i>Galleria mellonella</i> . <i>Mycopathologia</i> , <b>2004</b> , 158, 73-9	2.9	134
233	Histatins: antimicrobial peptides with therapeutic potential. <i>Journal of Pharmacy and Pharmacology</i> , <b>2004</b> , 56, 285-9	4.8	131
232	Mode of anti-fungal activity of 1,10-phenanthroline and its Cu(II), Mn(II) and Ag(I) complexes. <i>BioMetals</i> , <b>2003</b> , 16, 321-9	3.4	107
231	Potential role of <i>Demodex</i> mites and bacteria in the induction of rosacea. <i>Journal of Medical Microbiology</i> , <b>2012</b> , 61, 1504-1510	3.2	105
230	Pre-exposure to yeast protects larvae of <i>Galleria mellonella</i> from a subsequent lethal infection by <i>Candida albicans</i> and is mediated by the increased expression of antimicrobial peptides. <i>Microbes and Infection</i> , <b>2006</b> , 8, 2105-12	9.3	102
229	Fluctuations in haemocyte density and microbial load may be used as indicators of fungal pathogenicity in larvae of <i>Galleria mellonella</i> . <i>Microbes and Infection</i> , <b>2003</b> , 5, 1389-95	9.3	102
228	In vitro anti-tumour and cyto-selective effects of coumarin-3-carboxylic acid and three of its hydroxylated derivatives, along with their silver-based complexes, using human epithelial carcinoma cell lines. <i>Cancer Letters</i> , <b>2007</b> , 248, 321-31	9.9	97
227	<i>Candida</i> urinary tract infection: pathogenesis. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 52 Suppl 6, S437-51	11.6	96
226	Synthesis, characterization and antimicrobial activity of a series of substituted coumarin-3-carboxylatosilver(I) complexes. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 3976-3984	2.7	96

225	Induction of apoptosis in yeast and mammalian cells by exposure to 1,10-phenanthroline metal complexes. <i>Toxicology in Vitro</i> , <b>2004</b> , 18, 63-70	3.6	90
224	Correlation between ocular Demodex infestation and serum immunoreactivity to Bacillus proteins in patients with Facial rosacea. <i>Ophthalmology</i> , <b>2010</b> , 117, 870-877.e1	7.3	88
223	Mechanism of action of coumarin and silver(I)-coumarin complexes against the pathogenic yeast <i>Candida albicans</i> . <i>Toxicology in Vitro</i> , <b>2007</b> , 21, 801-8	3.6	86
222	Effect of pre-incubation temperature on susceptibility of <i>Galleria mellonella</i> larvae to infection by <i>Candida albicans</i> . <i>Mycopathologia</i> , <b>2008</b> , 165, 5-12	2.9	84
221	Innate humoral immune defences in mammals and insects: The same, with differences ?. <i>Virulence</i> , <b>2018</b> , 9, 1625-1639	4.7	83
220	Silver bullets in antimicrobial chemotherapy: Synthesis, characterisation and biological screening of some new Ag(I)-containing imidazole complexes. <i>Polyhedron</i> , <b>2006</b> , 25, 1771-1778	2.7	82
219	Synthesis, X-ray crystal structure, anti-fungal and anti-cancer activity of [Ag <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> (salH) <sub>2</sub> ] (salH <sub>2</sub> =salicylic acid). <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 1361-6	4.2	79
218	The effect of <i>Aspergillus fumigatus</i> infection on vitamin D receptor expression in cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 999-1007	10.2	76
217	Physical stress primes the immune response of <i>Galleria mellonella</i> larvae to infection by <i>Candida albicans</i> . <i>Microbes and Infection</i> , <b>2008</b> , 10, 628-34	9.3	76
216	Synthesis, antimicrobial activity and chemotherapeutic potential of inorganic derivatives of 2-(4'-thiazolyl)benzimidazole[thiabendazole]: X-ray crystal structures of [Cu(TBZH) <sub>2</sub> Cl]Cl.H <sub>2</sub> O.EtOH and TBZH <sub>2</sub> NO <sub>3</sub> (TBZH=thiabendazole). <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 1023-31	4.2	71
215	The innate immune response to <i>Aspergillus fumigatus</i> at the alveolar surface. <i>FEMS Microbiology Reviews</i> , <b>2015</b> , 39, 670-87	15.1	69
214	Synthesis and X-ray crystal structure of [Ag(phendio) <sub>2</sub> ]ClO <sub>4</sub> (phendio = 1,10-phenanthroline-5,6-dione) and its effects on fungal and mammalian cells. <i>BioMetals</i> , <b>2004</b> , 17, 635-45	4.4	69
213	Pre-exposure of <i>Galleria mellonella</i> larvae to different doses of <i>Aspergillus fumigatus</i> conidia causes differential activation of cellular and humoral immune responses. <i>Virulence</i> , <b>2011</b> , 2, 413-21	4.7	67
212	Synthesis, characterisation and antimicrobial activity of copper(II) and manganese(II) complexes of coumarin-6,7-dioxyacetic acid (cdoaH <sub>2</sub> ) and 4-methylcoumarin-6,7-dioxyacetic acid (4-MecdoaH <sub>2</sub> ): X-ray crystal structures of [Cu(cdoa)(phen) <sub>2</sub> ].8.H <sub>2</sub> O and [Cu(4-Mecdoa)(phen) <sub>2</sub> ].13H <sub>2</sub> O (phen=1,10-phenanthroline). <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 1168-19	4.2	66
211	The role of glutathione S-transferase GliG in gliotoxin biosynthesis in <i>Aspergillus fumigatus</i> . <i>Chemistry and Biology</i> , <b>2011</b> , 18, 542-52		65
210	Synthesis and antimicrobial activity of copper(II) and silver(I) complexes of hydroxynitrocoumarins: X-ray crystal structures of [Cu(hnc) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ].2H <sub>2</sub> O and [Ag(hnc)] (hncH=4-hydroxy-3-nitro-2H-chromen-2-one). <i>Polyhedron</i> , <b>2005</b> , 24, 949-957	2.7	64
209	Dose-dependent cellular and humoral responses in <i>Galleria mellonella</i> larvae following beta-glucan inoculation. <i>Microbes and Infection</i> , <b>2010</b> , 12, 146-53	9.3	63
208	In vitro and in vivo studies into the biological activities of 1,10-phenanthroline, 1,10-phenanthroline-5,6-dione and its copper(ii) and silver(i) complexes. <i>Toxicology Research</i> , <b>2012</b> , 1, 47-54	2.6	62

207	Emergence of <i>Saccharomyces cerevisiae</i> as a human pathogen. <i>Enzyme and Microbial Technology</i> , <b>1999</b> , 25, 551-557	3.8	62
206	Use of <i>Galleria mellonella</i> larvae to evaluate the in vivo anti-fungal activity of [Ag <sub>2</sub> (mal)(phen) <sub>3</sub> ]. <i>BioMetals</i> , <b>2009</b> , 22, 461-7	3.4	59
205	Analysis of major intracellular proteins of <i>Aspergillus fumigatus</i> by MALDI mass spectrometry: identification and characterisation of an elongation factor 1B protein with glutathione transferase activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 341, 1096-104	3.4	59
204	Susceptibility of larvae of <i>Galleria mellonella</i> to infection by <i>Aspergillus fumigatus</i> is dependent upon stage of conidial germination. <i>Mycopathologia</i> , <b>2006</b> , 161, 377-84	2.9	58
203	Identification, cloning, and functional expression of three glutathione transferase genes from <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , <b>2005</b> , 42, 319-27	3.9	57
202	<i>Galleria mellonella</i> as a model for fungal pathogenicity testing. <i>Methods in Molecular Biology</i> , <b>2012</b> , 845, 469-85	1.4	56
201	Positive correlation between serum immunoreactivity to Demodex-associated <i>Bacillus</i> proteins and erythematotelangiectatic rosacea. <i>British Journal of Dermatology</i> , <b>2012</b> , 167, 1032-6	4	55
200	Water-soluble bis(1,10-phenanthroline) octanedioate Cu <sup>2+</sup> and Mn <sup>2+</sup> complexes with unprecedented nano and picomolar in vitro cytotoxicity: promising leads for chemotherapeutic drug development. <i>MedChemComm</i> , <b>2011</b> , 2, 579	5	55
199	A nonribosomal peptide synthetase (Pes1) confers protection against oxidative stress in <i>Aspergillus fumigatus</i> . <i>FEBS Journal</i> , <b>2006</b> , 273, 3038-53	5.7	55
198	Caspofungin primes the immune response of the larvae of <i>Galleria mellonella</i> and induces a non-specific antimicrobial response. <i>Journal of Medical Microbiology</i> , <b>2011</b> , 60, 189-196	3.2	54
197	The <i>Aspergillus fumigatus</i> toxin fumagillin suppresses the immune response of <i>Galleria mellonella</i> larvae by inhibiting the action of haemocytes. <i>Microbiology (United Kingdom)</i> , <b>2011</b> , 157, 1481-1488	2.9	53
196	Role of cell cycle events and apoptosis in mediating the anti-cancer activity of a silver(I) complex of 4-hydroxy-3-nitro-coumarin-bis(phenanthroline) in human malignant cancer cells. <i>European Journal of Pharmacology</i> , <b>2009</b> , 602, 203-14	5.3	53
195	<i>Galleria mellonella</i> larvae as models for studying fungal virulence. <i>Fungal Biology Reviews</i> , <b>2010</b> , 24, 79-83	3.8	50
194	Synthesis, structure and anti-fungal activity of dimeric Ag(I) complexes containing bis-imidazole ligands. <i>Polyhedron</i> , <b>2004</b> , 23, 1249-1255	2.7	50
193	Gliotoxin effects on fungal growth: mechanisms and exploitation. <i>Fungal Genetics and Biology</i> , <b>2012</b> , 49, 302-12	3.9	46
192	Immune priming: the secret weapon of the insect world. <i>Virulence</i> , <b>2020</b> , 11, 238-246	4.7	45
191	Analysis of the early cellular and humoral responses of <i>Galleria mellonella</i> larvae to infection by <i>Candida albicans</i> . <i>Virulence</i> , <b>2018</b> , 9, 163-172	4.7	45
190	Evaluation of <i>Galleria mellonella</i> larvae as an in vivo model for assessing the relative toxicity of food preservative agents. <i>Cell Biology and Toxicology</i> , <b>2016</b> , 32, 209-16	7.4	45

189	Galleria mellonella as a host model to study <i>Aspergillus terreus</i> virulence and amphotericin B resistance. <i>Virulence</i> , <b>2015</b> , 6, 591-8	4.7	43
188	Inhibition of neutrophil function following exposure to the <i>Aspergillus fumigatus</i> toxin fumagillin. <i>Journal of Medical Microbiology</i> , <b>2010</b> , 59, 625-633	3.2	43
187	Targeted disruption of nonribosomal peptide synthetase pes3 augments the virulence of <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , <b>2011</b> , 79, 3978-92	3.7	43
186	The expression of selected non-ribosomal peptide synthetases in <i>Aspergillus fumigatus</i> is controlled by the availability of free iron. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 248, 83-91	2.9	42
185	Assessment of in vivo antimicrobial activity of the carbene silver(I) acetate derivative SBC3 using <i>Galleria mellonella</i> larvae. <i>BioMetals</i> , <b>2014</b> , 27, 745-52	3.4	41
184	Effect of nutrient deprivation on the susceptibility of <i>Galleria mellonella</i> larvae to infection. <i>Virulence</i> , <b>2012</b> , 3, 497-503	4.7	41
183	Demodex-associated bacterial proteins induce neutrophil activation. <i>British Journal of Dermatology</i> , <b>2012</b> , 166, 753-60	4	41
182	Novel trans-platinum complexes of the histone deacetylase inhibitor valproic acid; synthesis, in vitro cytotoxicity and mutagenicity. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 793-9	4.2	40
181	Deciphering the antimicrobial activity of phenanthroline chelators. <i>Current Medicinal Chemistry</i> , <b>2012</b> , 19, 2703-14	4.3	39
180	The Use of Larvae to Identify Novel Antimicrobial Agents against Fungal Species of Medical Interest. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2018</b> , 4,	5.6	39
179	Silver(I) complexes of 9-anthracenecarboxylic acid and imidazoles: synthesis, structure and antimicrobial activity. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6516-27	4.3	38
178	Metal complexes of 1,10-phenanthroline-5,6-dione alter the susceptibility of the yeast <i>Candida albicans</i> to amphotericin B and miconazole. <i>BioMetals</i> , <b>2004</b> , 17, 415-22	3.4	38
177	Synthesis, structure and biological activity of silver(I) complexes of substituted imidazoles. <i>Polyhedron</i> , <b>2013</b> , 56, 180-188	2.7	37
176	Virulence of an emerging respiratory pathogen, genus <i>Pandora</i> , in vivo and its interactions with lung epithelial cells. <i>Journal of Medical Microbiology</i> , <b>2011</b> , 60, 289-299	3.2	37
175	The <i>Aspergillus fumigatus</i> protein GliK protects against oxidative stress and is essential for gliotoxin biosynthesis. <i>Eukaryotic Cell</i> , <b>2012</b> , 11, 1226-38		37
174	Nonribosomal peptide synthetase genes pesL and pes1 are essential for Fumigaclavine C production in <i>Aspergillus fumigatus</i> . <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 3166-76	4.8	36
173	Apoptotic cell death: a possible key event in mediating the in vitro anti-proliferative effect of a novel copper(II) complex, [Cu(4-Mecdoa)(phen)(2)] (phen=phenanthroline, 4-Mecdoa=4-methylcoumarin-6,7-dioxacetate), in human malignant cancer cells. <i>European Journal of Pharmacology</i> , <b>2007</b> , 569, 16-28	5.3	36
172	Translocation of proteins homologous to human neutrophil p47phox and p67phox to the cell membrane in activated hemocytes of <i>Galleria mellonella</i> . <i>Developmental and Comparative Immunology</i> , <b>2007</b> , 31, 347-59	3.2	36

171	Disruption of mitochondrial function in <i>Candida albicans</i> leads to reduced cellular ergosterol levels and elevated growth in the presence of amphotericin B. <i>Archives of Microbiology</i> , <b>2003</b> , 179, 295-300	3	36
170	Thermal and physical stresses induce a short-term immune priming effect in <i>Galleria mellonella</i> larvae. <i>Journal of Insect Physiology</i> , <b>2014</b> , 63, 21-6	2.4	35
169	A new phenanthroline-oxazine ligand: synthesis, coordination chemistry and atypical DNA binding interaction. <i>Chemical Communications</i> , <b>2013</b> , 49, 2341-3	5.8	34
168	Synthesis, antibacterial and anti-MRSA activity, in vivo toxicity and a structure-activity relationship study of a quinoline thiourea. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 630-635	2.9	33
167	[Ag <sub>2</sub> (aca) <sub>2</sub> ] <sub>n</sub> and [Ag <sub>4</sub> (aca) <sub>4</sub> (NH <sub>3</sub> ) <sub>2</sub> ] (acaH=9-anthracenecarboxylic acid): Synthesis, X-ray crystal structures, antimicrobial and anti-cancer activities. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 1149-1153	3.5	32
166	Synthesis and antimicrobial activity of (Z)-3-(1H-imidazol-1-yl)-2-phenylpropenenitrile and its metal complexes: X-ray crystal structures of the Zn(II) and Ag(I) complexes. <i>Polyhedron</i> , <b>2003</b> , 22, 1595-1601	2.7	31
165	Natural Product-Based 1,2,3-Triazole/Sulfonate Analogues as Potential Chemotherapeutic Agents for Bacterial Infections. <i>ACS Omega</i> , <b>2018</b> , 3, 6912-6930	3.9	30
164	Quantitative detection of C-reactive protein using phosphocholine-labelled enzyme or microspheres. <i>Analytical Biochemistry</i> , <b>2003</b> , 312, 175-81	3.1	29
163	Effect of novel triazole-amino acid hybrids on growth and virulence of <i>Candida</i> species: in vitro and in vivo studies. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 10599-10619	3.9	29
162	Application of protoplast fusion to the nonconventional yeast. <i>Enzyme and Microbial Technology</i> , <b>1996</b> , 18, 45-51	3.8	28
161	Exposure to caspofungin activates Cap and Hog pathways in <i>Candida albicans</i> . <i>Medical Mycology</i> , <b>2009</b> , 47, 697-706	3.9	27
160	Yeasts of the genus <i>Candida</i> are the dominant cause of onychomycosis in Libyan women but not men: results of a 2-year surveillance study. <i>British Journal of Dermatology</i> , <b>2002</b> , 146, 1038-41	4	26
159	<i>Trichophyton violaceum</i> is the dominant cause of tinea capitis in children in Tripoli, Libya: results of a two year survey. <i>Mycopathologia</i> , <b>2002</b> , 153, 145-7	2.9	26
158	Under the lash: <i>Demodex</i> mites in human diseases. <i>Biochemist</i> , <b>2009</b> , 31, 20-24	0.5	26
157	The role of altered cutaneous immune responses in the induction and persistence of rosacea. <i>Journal of Dermatological Science</i> , <b>2016</b> , 82, 3-8	4.3	25
156	Amphotericin B enhances the synthesis and release of the immunosuppressive agent gliotoxin from the pulmonary pathogen <i>Aspergillus fumigatus</i> . <i>Journal of Medical Microbiology</i> , <b>2004</b> , 53, 719-725 <sup>3-2</sup>	3.2	24
155	Insect and Mammalian Innate Immune Responses Are Much Alike. <i>Microbe Magazine</i> , <b>2007</b> , 2, 596-599		24
154	Steroid-Au -NHC Complexes: Synthesis and Antibacterial Activity. <i>ChemMedChem</i> , <b>2017</b> , 12, 841-844	3.7	23



153	Correlation between serum reactivity to Demodex-associated Bacillus oleronius proteins, and altered sebum levels and Demodex populations in erythematotelangiectatic rosacea patients. <i>Journal of Medical Microbiology</i> , <b>2014</b> , 63, 258-262	3.2	23
152	Demodex-associated Bacillus proteins induce an aberrant wound healing response in a corneal epithelial cell line: possible implications for corneal ulcer formation in ocular rosacea <b>2012</b> , 53, 3250-9		23
151	Imidazole Schiff base ligands: Synthesis, coordination complexes and biological activities. <i>Polyhedron</i> , <b>2013</b> , 55, 169-178	2.7	22
150	Detection of Aspergillus fumigatus mycotoxins: immunogen synthesis and immunoassay development. <i>Journal of Microbiological Methods</i> , <b>2004</b> , 56, 221-30	2.8	21
149	Evaluation of Galleria mellonella larvae for studying the virulence of Streptococcus suis. <i>BMC Microbiology</i> , <b>2016</b> , 16, 291	4.5	21
148	The effect of entomopathogenic fungal culture filtrate on the immune response of the greater wax moth, Galleria mellonella. <i>Journal of Insect Physiology</i> , <b>2017</b> , 100, 82-92	2.4	20
147	Prolonged pre-incubation increases the susceptibility of Galleria mellonella larvae to bacterial and fungal infection. <i>Virulence</i> , <b>2015</b> , 6, 458-65	4.7	20
146	Introduction to Fungal Physiology <b>2017</b> , 1-35		20
145	A 4'-phosphopantetheinyl transferase mediates non-ribosomal peptide synthetase activation in Aspergillus fumigatus. <i>ChemBioChem</i> , <b>2005</b> , 6, 679-85	3.8	20
144	Isolation and characterisation of silver(I) complexes of substituted coumarin-4-carboxylates which are effective against Pseudomonas aeruginosa biofilms. <i>Polyhedron</i> , <b>2014</b> , 67, 549-559	2.7	18
143	Isolation, activity and immunological characterisation of a secreted aspartic protease, CtsD, from Aspergillus fumigatus. <i>Protein Expression and Purification</i> , <b>2007</b> , 53, 216-24	2	18
142	A study of the role of apoptotic cell death and cell cycle events mediating the mechanism of action of 6-hydroxycoumarin-3-carboxylatesilver in human malignant hepatic cells. <i>Cancer Letters</i> , <b>2007</b> , 250, 128-39	9.9	18
141	Culture filtrates of Aspergillus fumigatus induce different modes of cell death in human cancer cell lines. <i>Mycopathologia</i> , <b>1999</b> , 146, 67-74	2.9	18
140	Activation of Neutrophils via IP3 Pathway Following Exposure to Demodex-Associated Bacterial Proteins. <i>Inflammation</i> , <b>2016</b> , 39, 425-433	5.1	17
139	Characterisation of the cellular and proteomic response of Galleria mellonella larvae to the development of invasive aspergillosis. <i>BMC Microbiology</i> , <b>2018</b> , 18, 63	4.5	17
138	Novel silver(I) complexes of coumarin oxyacetate ligands and their phenanthroline adducts: Biological activity, structural and spectroscopic characterisation. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 163, 53-67	4.2	17
137	Monoclonal antibodies directed against extracellular matrix proteins reduce the adherence of Candida albicans to HEP-2 cells. <i>Mycopathologia</i> , <b>1998</b> , 141, 137-42	2.9	16
136	Microarrays for Studying Pathogenicity in Candida Albicans 181-209		16

135	Baculovirus expression of parvovirus B19 (B19V) NS1: utility in confirming recent infection. <i>Journal of Clinical Virology</i> , <b>2001</b> , 22, 55-60	14.5	16
134	Oosporein, an abundant metabolite in <i>Beauveria caledonica</i> , with a feedback induction mechanism and a role in insect virulence. <i>Fungal Biology</i> , <b>2019</b> , 123, 601-610	2.8	15
133	Unprecedented Antitubercular Activity of Manganese(II) Complexes Containing 1,10-Phenanthroline and Dicarboxylate Ligands: Increased Activity, Superior Selectivity, and Lower Toxicity in Comparison to Their Copper(II) Analogs. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1432	5.7	15
132	Erythromycin, an inhibitor of mitochondrial protein biosynthesis, alters the amphotericin B susceptibility of <i>Candida albicans</i> . <i>Journal of Pharmacy and Pharmacology</i> , <b>2003</b> , 55, 179-84	4.8	15
131	Introduction to Fungal Physiology <b>2005</b> , 1-34		15
130	Synthesis, structures and antimicrobial activity of novel NHC*- and Ph <sub>3</sub> P-Ag(I)-Benzoate derivatives. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 486, 294-303	2.7	15
129	Synthesis of Novel Benzimidazolium Gemini Surfactants and Evaluation of Their Activity. <i>ACS Omega</i> , <b>2019</b> , 4, 11871-11879	3.9	14
128	Analysis of the response of <i>Candida albicans</i> cells to Silver(I). <i>Medical Mycology</i> , <b>2010</b> , 48, 498-505	3.9	14
127	Proteomic analysis of proteins released from growth-arrested <i>Candida albicans</i> following exposure to caspofungin. <i>Medical Mycology</i> , <b>2010</b> , 48, 598-605	3.9	14
126	Caffeine administration alters the behaviour and development of <i>Galleria mellonella</i> larvae. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 64, 37-44	3.9	13
125	Disruption of haemocyte function by exposure to cytochalasin b or nocodazole increases the susceptibility of <i>Galleria mellonella</i> larvae to infection. <i>Microbes and Infection</i> , <b>2011</b> , 13, 1191-8	9.3	13
124	An in vitro investigation of the induction of apoptosis and modulation of cell cycle events in human cancer cells by bisphenanthroline-coumarin-6,7-dioxacetatocopper(II) complex. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 168, 143-58	5	13
123	The Secretome Alters the Proteome of to Stimulate Bacterial Growth: Implications for Co-infection. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 1346-1359	7.6	13
122	Utilization of <i>Galleria mellonella</i> larvae to characterize the development of <i>Staphylococcus aureus</i> infection. <i>Microbiology (United Kingdom)</i> , <b>2019</b> , 165, 863-875	2.9	13
121	Cu(II) phenanthroline-phenazine complexes dysregulate mitochondrial function and stimulate apoptosis. <i>Metallomics</i> , <b>2020</b> , 12, 65-78	4.5	13
120	Utilising <i>Galleria mellonella</i> larvae for studying in vivo activity of conventional and novel antimicrobial agents. <i>Pathogens and Disease</i> , <b>2020</b> , 78,	4.2	13
119	Activity of Copper(II), Manganese(II), and Silver(I) 1,10-Phenanthroline Chelates Against Using the Model. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 470	5.7	13
118	A new class of prophylactic metallo-antibiotic possessing potent anti-cancer and anti-microbial properties. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8578-8593	4.3	12



117	Exposure of a corneal epithelial cell line (hTCEpi) to Demodex-associated Bacillus proteins results in an inflammatory response. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 7019-28		12
116	Synthesis and structure of metal complexes containing zwitterionic N-hydroxyimidazole ligands. <i>Polyhedron</i> , <b>2007</b> , 26, 4573-4580	2.7	12
115	Effect of N-chlorotaurine on Aspergillus, with particular reference to destruction of secreted gliotoxin. <i>Journal of Medical Microbiology</i> , <b>2006</b> , 55, 913-918	3.2	12
114	increases the pathogenicity of during polymicrobial infection of larvae. <i>Microbiology (United Kingdom)</i> , <b>2020</b> , 166, 375-385	2.9	12
113	Adherence of clinical isolates of Saccharomyces cerevisiae to buccal epithelial cells. <i>Medical Mycology</i> , <b>2001</b> , 39, 123-7	3.9	11
112	Application of the Melle-Boinot process to the fermentation of xylose by Pachysolen tannophilus. <i>Applied Microbiology and Biotechnology</i> , <b>1994</b> , 42, 28-31	5.7	11
111	The Human Cathelicidin Antimicrobial Peptide LL-37 Promotes the Growth of the Pulmonary Pathogen Aspergillus fumigatus. <i>Infection and Immunity</i> , <b>2018</b> , 86,	3.7	10
110	Proteomic response of Trichoderma aggressivum f. europaeum to Agaricus bisporus tissue and mushroom compost. <i>Fungal Biology</i> , <b>2014</b> , 118, 785-91	2.8	10
109	Evaluation of metal-based antimicrobial compounds for the treatment of bacterial pathogens. <i>Journal of Medical Microbiology</i> , <b>2021</b> , 70,	3.2	10
108	Proteomic Analysis of the Responses of during Infection of Larvae. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2019</b> , 5,	5.6	9
107	Zinc Chelators as Carbapenem Adjuvants for Metallo-β-Lactamase-Producing Bacteria: and Evaluation. <i>Microbial Drug Resistance</i> , <b>2020</b> , 26, 1133-1143	2.9	9
106	Novel derivatives of the antibiotic NHCuAg(I) drug candidate SBC3: Synthesis, biological evaluation and 109Ag NMR studies. <i>Polyhedron</i> , <b>2018</b> , 149, 95-103	2.7	9
105	Cinnamaldehydes: Synthesis, antibacterial evaluation, and the effect of molecular structure on antibacterial activity. <i>Results in Chemistry</i> , <b>2019</b> , 1, 100013	2.1	9
104	Proteomic analysis of the proteins released from Staphylococcus aureus following exposure to Ag(I). <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1644-8	3.6	9
103	Proteomic analysis of the processes leading to Madurella mycetomatis grain formation in Galleria mellonella larvae. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008190	4.8	9
102	Analysis of the acute response of Galleria mellonella larvae to potassium nitrate. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2017</b> , 195, 44-51	3.2	8
101	Detection of Trichoderma aggressivum in bulk phase III substrate and the effect of T. aggressivum inoculum, supplementation and substrate-mixing on Agaricus bisporus yields. <i>European Journal of Plant Pathology</i> , <b>2017</b> , 147, 199-209	2.1	8
100	Exposure of Staphylococcus aureus to silver(I) induces a short term protective response. <i>BioMetals</i> , <b>2012</b> , 25, 611-6	3.4	8

99	Extensive proteomic remodeling is induced by eukaryotic translation elongation factor 1B deletion in <i>Aspergillus fumigatus</i> . <i>Protein Science</i> , <b>2013</b> , 22, 1612-22	6.3	8
98	Exposure of the yeast <i>Candida albicans</i> to the anti-neoplastic agent adriamycin increases the tolerance to amphotericin B. <i>Journal of Pharmacy and Pharmacology</i> , <b>2003</b> , 55, 1629-33	4.8	8
97	Targeting adhesion in fungal pathogen. <i>Future Medicinal Chemistry</i> , <b>2021</b> , 13, 313-334	4.1	8
96	Inhibition of adherence of the yeast <i>Candida albicans</i> to buccal epithelial cells by synthetic aromatic glycoconjugates. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 160, 82-93	6.8	8
95	Proteomic analysis of Bayvarol resistance mechanisms in the honey bee parasite <i>Varroa destructor</i> . <i>Journal of Apicultural Research</i> , <b>2016</b> , 55, 49-64	2	7
94	Enhanced intraspecific protoplast fusion in yeast. <i>FEMS Microbiology Letters</i> , <b>1991</b> , 81, 283-286	2.9	7
93	Efficacy of entomopathogenic fungi against large pine weevil, <i>Hylobius abietis</i> , and their additive effects when combined with entomopathogenic nematodes. <i>Journal of Pest Science</i> , <b>2018</b> , 91, 1407-1419	5.5	7
92	Glycosylated metal chelators as anti-parasitic agents with tunable selectivity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 5297-5307	4.3	6
91	Analysis of the effect of temperature on protein abundance in <i>Demodex-associated Bacillus oleronius</i> . <i>Pathogens and Disease</i> , <b>2018</b> , 76,	4.2	6
90	Quantitative proteomics reveals divergent responses in <i>Apis mellifera</i> worker and drone pupae to parasitization by <i>Varroa destructor</i> . <i>Journal of Insect Physiology</i> , <b>2018</b> , 107, 291-301	2.4	6
89	Synthesis, characterisation and antimicrobial studies of organotin(IV) complexes with 1,10-phenanthroline derivatives. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 409, 276-284	2.7	6
88	Single-pot derivatisation strategy for enhanced gliotoxin detection by HPLC and MALDI-ToF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 2519-29	4.4	6
87	Absence of correlation between chemo- and radioresistance in a range of human tumour cell lines. <i>Cytotechnology</i> , <b>1996</b> , 19, 237-42	2.2	6
86	Exposure to N-chlorotaurine induces oxidative stress responses in <i>Aspergillus fumigatus</i> . <i>Journal of Medical Microbiology</i> , <b>2019</b> , 68, 279-288	3.2	6
85	Introduction to Fungal Physiology <b>2011</b> , 1-35		5
84	Genetic Manipulation of Zygomycetes 305-326		5
83	Antifungal Agents for Use in Human Therapy <b>2005</b> , 191-217		5
82	Analysis of hybrids of <i>Candida albicans</i> formed by protoplast fusion. <i>FEMS Microbiology Letters</i> , <b>1994</b> , 115, 77-82	2.9	5

81	Autoclaved Polyethylene Glycol decreases yeast protoplast reversion and hybrid production. <i>Biotechnology Letters</i> , <b>1990</b> , 4, 281-284		5
80	Characterization of the Proteomic Response of A549 Cells Following Sequential Exposure to and. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 279-291	5.6	5
79	Exposure of <i>Agaricus bisporus</i> to <i>Trichoderma aggressivum</i> f. <i>europaeum</i> leads to growth inhibition and induction of an oxidative stress response. <i>Fungal Biology</i> , <b>2020</b> , 124, 814-820	2.8	5
78	Biotechnological Use of Fungal Enzymes 179-204		5
77	: The Versatile Host for Drug Discovery, In Vivo Toxicity Testing and Characterising Host-Pathogen Interactions.. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	5
76	Exposure of to Atorvastatin Leads to Altered Membrane Permeability and Induction of an Oxidative Stress Response. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	4
75	The effect of entomopathogenic fungal culture filtrate on the immune response and haemolymph proteome of the large pine weevil, <i>Hylobius abietis</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2018</b> , 101, 1-13	4.5	4
74	In-vivo evaluation of the response of <i>Galleria mellonella</i> larvae to novel copper(II) phenanthroline-phenazine complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 186, 135-146	4.2	4
73	Exposure of <i>Aspergillus fumigatus</i> to caspofungin results in the release, and de novo biosynthesis, of gliotoxin. <i>Medical Mycology</i> , <b>2013</b> , 51, 121-7	3.9	4
72	Fungal Fermentation Systems and Products <b>2005</b> , 89-112		4
71	Assessment of the and activity of atorvastatin against. <i>Journal of Medical Microbiology</i> , <b>2019</b> , 68, 1497-1506	5.06	4
70	Proteomic profiling of bacterial and fungal induced immune priming in <i>Galleria mellonella</i> larvae. <i>Journal of Insect Physiology</i> , <b>2021</b> , 131, 104213	2.4	4
69	Bacterial Interactions with in the Immunocompromised Lung. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	4
68	Biotechnological Use of Fungal Enzymes <b>2017</b> , 201-225		3
67	A rapid method for the extraction of whole cell proteins from <i>Candida</i> species. <i>Journal of Microbiological Methods</i> , <b>1998</b> , 34, 107-112	2.8	3
66	Development of Oxadiazole-Sulfonamide-Based Compounds as Potential Antibacterial Agents. <i>ACS Omega</i> , <b>2021</b> , 6, 27798-27813	3.9	3
65	Quantitative proteomic reveals gallium maltolate induces an iron-limited stress response and reduced quorum-sensing in <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Inorganic Chemistry</i> , <b>2020</b> , 25, 1153-1165	3.7	3
64	Preparation and Antimicrobial Properties of Alginate and Serum Albumin/Glutaraldehyde Hydrogels Impregnated with Silver(I) Ions. <i>Chemistry</i> , <b>2021</b> , 3, 672-686	2.1	3

63	Synthesis and mechanistic studies of diketo acids and their bioisosteres as potential antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 163, 67-82	6.8	3
62	Characterisation of the interaction of <i>Pseudomonas putida</i> and <i>Pseudomonas tolaasii</i> with <i>Trichoderma aggressivum</i> . <i>European Journal of Plant Pathology</i> , <b>2020</b> , 156, 111-121	2.1	3
61	Innate Immune Responses of to BCG Challenge Identified Using Proteomic and Molecular Approaches. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 619981	5.9	3
60	Evaluation of in vitro and in vivo antibacterial activity of novel Cu(II)-steroid complexes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 479, 261-265	2.7	3
59	Assessment of Dihydro[1,3]oxazine-Fused Isoflavone and 4-Thionoisoflavone Hybrids as Antibacterials. <i>ChemistrySelect</i> , <b>2021</b> , 6, 7505-7513	1.8	3
58	Stability of antibacterial Te(IV) compounds: A combined experimental and computational study. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 198, 110719	4.2	2
57	Techniques and Strategies for Studying Virulence Factors in <i>Cryptococcus Neoformans</i> 275-304		2
56	Antibiotics, Enzymes and Chemical Commodities from Fungi <b>2005</b> , 113-143		2
55	Fungal Diseases of Humans <b>2005</b> , 171-190		2
54	A novel technique for studying the adherence of <i>Candida albicans</i> to HEP-2 cells. <i>Journal of Microbiological Methods</i> , <b>1992</b> , 16, 39-46	2.8	2
53	Analysis of the response of <i>Candida albicans</i> cells to Silver(I). <i>Medical Mycology</i> , 1-8	3.9	2
52	Scaffold diversity for enhanced activity of glycosylated inhibitors of fungal adhesion. <i>RSC Medicinal Chemistry</i> , <b>2020</b> , 11, 1386-1401	3.5	2
51	Differential proteomic response of <i>Agaricus bisporus</i> and <i>Trichoderma aggressivum f. europaeum</i> to <i>Bacillus velezensis</i> supernatant. <i>European Journal of Plant Pathology</i> , <b>2021</b> , 160, 397-409	2.1	2
50	Fungal Fermentations Systems and Products 125-146		2
49	Proteomic analysis of summer and winter <i>Apis mellifera</i> workers shows reduced protein abundance in winter samples.. <i>Journal of Insect Physiology</i> , <b>2022</b> , 104397	2.4	2
48	Immunity to Human Fungal Infections <b>2017</b> , 275-298		1
47	Fungi as Food <b>2017</b> , 147-168		1
46	Fungal Proteomics <b>2011</b> , 231-255		1

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43	Fungal Pathogens of Plants <b>2005</b> , 219-250		1
42	Funcelase □An efficient preparation for the isolation of reversion competent protoplasts from yeasts. <i>Biotechnology Letters</i> , <b>1991</b> , 5, 313-316		1
41	The Cathelicidin antimicrobial peptide (LL-37) stimulates the growth and pathogenicity of the pulmonary lung pathogen <i>Aspergillus fumigatus</i> . <i>Access Microbiology</i> , <b>2019</b> , 1,	1	1
40	Fungal Genetics: A Post-Genomic Perspective95-123		1
39	Multivalent Presentations of Glycomimetic Inhibitor of the Adhesion of Fungal Pathogen to Human Buccal Epithelial Cells. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 971-982	6.3	1
38	Analysis of the effect of <i>Bacillus velezensis</i> culture filtrate on the growth and proteome of <i>Cladobotryum mycophilum</i> .. <i>Fungal Biology</i> , <b>2022</b> , 126, 11-19	2.8	1
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36	Antifungal Agents for Use in Human Therapy279-312		1
35	Pharmaceutical and Chemical Commodities from Fungi147-178		1
34	Fungal Pathogens of Plants <b>2017</b> , 355-387		0
33	Fungal Genetics <b>2017</b> , 37-66		0
32	Extraction and Detection of DNA and RNA from Yeast159-180		0
31	Multi-targeted metallo-ciprofloxacin derivatives rationally designed and developed to overcome antimicrobial resistance. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 58, 106449	14.3	0
30	Insects as Models for Studying the Virulence of Fungal Pathogens of Humans <b>2007</b> , 45-67		0
29	Exposure of <i>Apis mellifera</i> to anti- <i>Varroa destructor</i> formic acid treatment induces significant proteomic alterations. <i>Journal of Apicultural Research</i> ,1-9	2	0
28	Pharmaceutical and Chemical Commodities from Fungi <b>2017</b> , 169-199		0

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