

Kazuo Shin-ya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

349
papers

11,137
citations

52
h-index

88
g-index

410
ext. papers

12,650
ext. citations

5
avg, IF

5.97
L-index

#	Paper	IF	Citations
349	Draft Genome Sequence of Strain F-183.. <i>Microbiology Resource Announcements</i> , 2022 , 11, e0045321	1.3	0
348	Complete Genome Sequence of sp. Strain TBR-22.. <i>Microbiology Resource Announcements</i> , 2022 , 11, e0045521	1.3	0
347	Stable G-quadruplex DNA structures promote replication-dependent genome instability.. <i>Journal of Biological Chemistry</i> , 2022 , 101947	5.4	1
346	A novel methymycin analog, 12-ketomethymycin N-oxide, produced by the heterologous expression of the large pikromycin/methymycin biosynthetic gene cluster of <i>Streptomyces</i> sp. AM4900. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 890-894	2.1	0
345	A chemical genomics-aggrephagy integrated method studying functional analysis of autophagy inducers. <i>Autophagy</i> , 2021 , 17, 1856-1872	10.2	5
344	Hemiacetal-less rapamycin derivatives designed and produced by genetic engineering of a type I polyketide synthase. <i>Scientific Reports</i> , 2021 , 11, 9944	4.9	0
343	Structural and Functional Analyses of the Tridomain-Nonribosomal Peptide Synthetase FmoA3 for 4-Methyloxazoline Ring Formation. <i>Angewandte Chemie</i> , 2021 , 133, 14675-14683	3.6	0
342	Novel Plant-Associated Promotes Growth of Common Floating Aquatic Plants, Duckweeds. <i>Microorganisms</i> , 2021 , 9,	4.9	5
341	Identification of functional cytochrome P450 and ferredoxin from <i>Streptomyces</i> sp. EAS-AB2608 by transcriptional analysis and their heterologous expression. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 4177-4187	5.7	3
340	JBIR-155, a Specific Class D β -Lactamase Inhibitor of Microbial Origin. <i>Organic Letters</i> , 2021 , 23, 4415-4418	6.2	1
339	Structural and Functional Analyses of the Tridomain-Nonribosomal Peptide Synthetase FmoA3 for 4-Methyloxazoline Ring Formation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14554-14562	16.4	5
338	Dunaimycin C3, a new GRP78 downregulator from <i>Streptomyces</i> sp. RAN389. <i>Journal of Antibiotics</i> , 2021 , 74, 76-79	3.7	0
337	Pseudoalteropeptide A, a novel lipopeptide from the marine bacterium <i>Pseudoalteromonas piscicida</i> SWA4_PA4 isolated from marine seaweed. <i>Journal of Antibiotics</i> , 2021 , 74, 105-110	3.7	1
336	Inhibition of heat shock protein 90 destabilizes receptor tyrosine kinase ROR1 in lung adenocarcinoma. <i>Cancer Science</i> , 2021 , 112, 1225-1234	6.9	7
335	A novel oxazole-containing tetraene compound, JBIR-159, produced by heterologous expression of the cryptic trans-AT type polyketide synthase biosynthetic gene cluster. <i>Journal of Antibiotics</i> , 2021 , 74, 354-358	3.7	0
334	Chemical targeting of G-quadruplexes in telomeres and beyond for molecular cancer therapeutics. <i>Journal of Antibiotics</i> , 2021 , 74, 617-628	3.7	0
333	Phenotypic screening system using three-dimensional (3D) culture models for natural product screening. <i>Journal of Antibiotics</i> , 2021 , 74, 660-666	3.7	0

332	-Methylation of -adenosyl-L-Methionine Occurs Prior to Cyclopropanation in the Biosynthesis of 1-Amino-2-Methylcyclopropanecarboxylic Acid (Norcoronamic Acid) in a Bacterium. <i>Biomolecules</i> , 2020 , 10,	5.9	5
331	Identification, cloning and heterologous expression of biosynthetic gene cluster for desertomycin. <i>Journal of Antibiotics</i> , 2020 , 73, 650-654	3.7	4
330	LUBAC accelerates B-cell lymphomagenesis by conferring resistance to genotoxic stress on B cells. <i>Blood</i> , 2020 , 136, 684-697	2.2	10
329	Neocurromycin A, a new GRP78 downregulator from <i>Streptomyces</i> sp. RAI364. <i>Journal of Antibiotics</i> , 2020 , 73, 790-793	3.7	1
328	Guanidyl modification of the 1-azabicyclo[3.1.0]hexane ring in ficellomycin essential for its biological activity. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 5137-5144	3.9	0
327	New phenylspirodrimane metabolites MBJ-0030, MBJ-0031, and MBJ-0032 isolated from the soil fungal strain sp. f23793. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020 , 84, 1570-1575	2.1	0
326	Novel macrolactam compound produced by the heterologous expression of a large cryptic biosynthetic gene cluster of <i>Streptomyces rochei</i> IFO12908. <i>Journal of Antibiotics</i> , 2020 , 73, 171-174	3.7	7
325	Heterologous Expression of the Biosynthetic Gene Cluster for Verticilactam and Identification of Analogues. <i>Journal of Natural Products</i> , 2020 , 83, 3598-3605	4.9	4
324	In vitro Cas9-assisted editing of modular polyketide synthase genes to produce desired natural product derivatives. <i>Nature Communications</i> , 2020 , 11, 4022	17.4	11
323	Replication stress at microsatellites causes DNA double-strand breaks and break-induced replication. <i>Journal of Biological Chemistry</i> , 2020 , 295, 15378-15397	5.4	8
322	Glioma-initiating cells at tumor edge gain signals from tumor core cells to promote their malignancy. <i>Nature Communications</i> , 2020 , 11, 4660	17.4	24
321	Identification of a chemical modulator of EZH2-mediated silencing by cell-based high-throughput screening assay. <i>Journal of Biochemistry</i> , 2019 , 166, 41-50	3.1	7
320	Comprehensive Derivatization of Thioviridamides by Heterologous Expression. <i>ACS Chemical Biology</i> , 2019 , 14, 1135-1140	4.9	10
319	The Amipurimycin and Miharamycin Biosynthetic Gene Clusters: Unraveling the Origins of 2-Aminopurinylyl Peptidyl Nucleoside Antibiotics. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14152-14159	16.4	12
318	Solid-liquid Interface Screening System?Application to the Screening of Antibiotic and Cytotoxic Substance-producing Fungi. <i>Biocontrol Science</i> , 2019 , 24, 47-56	1.5	1
317	Mechanism of Action of Prethioviridamide, an Anticancer Ribosomally Synthesized and Post-Translationally Modified Peptide with a Polythioamide Structure. <i>ACS Chemical Biology</i> , 2019 , 14, 1819-1828	4.9	13
316	An Unprecedented Cyclization Mechanism in the Biosynthesis of Carbazole Alkaloids in <i>Streptomyces</i> . <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13349-13353	16.4	8
315	An Unprecedented Cyclization Mechanism in the Biosynthesis of Carbazole Alkaloids in <i>Streptomyces</i> . <i>Angewandte Chemie</i> , 2019 , 131, 13483-13487	3.6	0

314	Statins affect human glioblastoma and other cancers through TGF- β inhibition. <i>Oncotarget</i> , 2019 , 10, 1716-1728	3.3	17
313	An Unusual Extender Unit Is Incorporated into the Modular Polyketide Synthase of Scopranones Biosynthesis. <i>Biochemistry</i> , 2019 , 58, 5066-5073	3.2	2
312	JBIR-150, a novel 20-membered polyene macrolactam from marine-derived <i>Streptomyces</i> sp. OPMA00071. <i>Journal of Antibiotics</i> , 2018 , 71, 390-392	3.7	9
311	Neothioviridamide, a Polythioamide Compound Produced by Heterologous Expression of a <i>Streptomyces</i> sp. Cryptic RiPP Biosynthetic Gene Cluster. <i>Journal of Natural Products</i> , 2018 , 81, 264-269	4.9	37
310	Reconstitution of a Type II Polyketide Synthase that Catalyzes Polyene Formation. <i>Angewandte Chemie</i> , 2018 , 130, 1972-1975	3.6	4
309	Reconstitution of a Type II Polyketide Synthase that Catalyzes Polyene Formation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1954-1957	16.4	29
308	Unprecedented Cyclization Catalyzed by a Cytochrome P450 in Benzastatin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6631-6639	16.4	51
307	Functional analysis of methyltransferases participating in streptothricin-related antibiotic biosynthesis. <i>Journal of Bioscience and Bioengineering</i> , 2018 , 125, 148-154	3.3	1
306	Discovery of an Antibacterial Isoindolinone-Containing Tetracyclic Polyketide by Cryptic Gene Activation and Characterization of Its Biosynthetic Gene Cluster. <i>ACS Chemical Biology</i> , 2018 , 13, 2615-2622	4.9	10
305	Discovery of Unprecedented Hydrazine-Forming Machinery in Bacteria. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9083-9086	16.4	39
304	Distribution and functional analysis of the phosphopantetheinyl transferase superfamily in microorganisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6828-6833	11.5	26
303	Synthesis and biological evaluation of thielocin B1 analogues as protein-protein interaction inhibitors of PAC3 homodimer. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 6023-6034	3.4	3
302	Biosynthesis of Quinolidomicin, the Largest Known Macrolide of Terrestrial Origin: Identification and Heterologous Expression of a Biosynthetic Gene Cluster over 200 kb. <i>Organic Letters</i> , 2018 , 20, 7996-7999	6.2	21
301	Reprogramming of the antimycin NRPS-PKS assembly lines inspired by gene evolution. <i>Nature Communications</i> , 2018 , 9, 3534	17.4	35
300	A minimal threshold of FANCD1 helicase activity is required for its response to replication stress or double-strand break repair. <i>Nucleic Acids Research</i> , 2018 , 46, 6238-6256	20.1	15
299	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1740-1745	16.4	76
298	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. <i>Angewandte Chemie</i> , 2017 , 129, 1766-1771	3.6	2
297	Complete genome sequence and expression profile of the commercial lytic enzyme producer <i>Lysobacter enzymogenes</i> M497-1. <i>DNA Research</i> , 2017 , 24, 169-177	4.5	11

296	Biosynthetic Origin of the Hydroxamic Acid Moiety of Trichostatin A: Identification of Unprecedented Enzymatic Machinery Involved in Hydroxylamine Transfer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6799-6802	16.4	24
295	N-Phenylacetylation and Nonribosomal Peptide Synthetases with Substrate Promiscuity for Biosynthesis of Heptapeptide Variants, JBIR-78 and JBIR-95. <i>ACS Chemical Biology</i> , 2017 , 12, 1813-1819	4.9	8
294	Targeting glioma stem cells in vivo by a G-quadruplex-stabilizing synthetic macrocyclic hexaoxazole. <i>Scientific Reports</i> , 2017 , 7, 3605	4.9	28
293	Identification of a gene cluster for telomestatin biosynthesis and heterologous expression using a specific promoter in a clean host. <i>Scientific Reports</i> , 2017 , 7, 3382	4.9	16
292	A small-molecule compound inhibits a collagen-specific molecular chaperone and could represent a potential remedy for fibrosis. <i>Journal of Biological Chemistry</i> , 2017 , 292, 20076-20085	5.4	32
291	Genome Mining of Amino Group Carrier Protein-Mediated Machinery: Discovery and Biosynthetic Characterization of a Natural Product with Unique Hydrazone Unit. <i>ACS Chemical Biology</i> , 2017 , 12, 124-131	4.9	13
290	Novel arginine-containing peptides MBJ-0173 and MBJ-0174 from <i>Mortierella alpina</i> f28740. <i>Journal of Antibiotics</i> , 2017 , 70, 226-229	3.7	7
289	MBJ-0110, a novel cyclopeptide isolated from the fungus <i>Penicillium</i> sp. f25267. <i>Journal of Antibiotics</i> , 2016 , 69, 66-8	3.7	6
288	Synthesis of Spiromamakone A Benzo Analogues via Double Oxa-Michael Addition of 1,8-Dihydroxynaphthalene. <i>Organic Letters</i> , 2016 , 18, 4848-4851	6.2	12
287	Unveiling the Biosynthetic Pathway of the Ribosomally Synthesized and Post-translationally Modified Peptide Ustiloxin B in Filamentous Fungi. <i>Angewandte Chemie</i> , 2016 , 128, 8204-8207	3.6	6
286	Unveiling the Biosynthetic Pathway of the Ribosomally Synthesized and Post-translationally Modified Peptide Ustiloxin B in Filamentous Fungi. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8072-5	16.4	56
285	Curromycin A as a GRP78 downregulator and a new cyclic dipeptide from <i>Streptomyces</i> sp. <i>Journal of Antibiotics</i> , 2016 , 69, 187-8	3.7	6
284	G-quadruplex ligand-induced DNA damage response coupled with telomere dysfunction and replication stress in glioma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 75-81	3.4	25
283	JBIR-76 and JBIR-77, modified naphthoquinones from <i>Streptomyces</i> sp. RI-77. <i>Journal of Antibiotics</i> , 2016 , 69, 707-8	3.7	5
282	Identification of the Fluvirucin B2 (Sch 38518) Biosynthetic Gene Cluster from <i>Actinomadura fulva</i> subsp. <i>indica</i> ATCC 53714: substrate Specificity of the α -Amino Acid Selective Adenylating Enzyme FlvN. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 935-41	2.1	14
281	Methylbenzene-Containing Polyketides from a <i>Streptomyces</i> that Spontaneously Acquired Rifampicin Resistance: Structural Elucidation and Biosynthesis. <i>Journal of Natural Products</i> , 2016 , 79, 857-64	4.9	10
280	Dysregulated YAP1/TAZ and TGF- β signaling mediate hepatocarcinogenesis in <i>Mob1a/1b</i> -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E71-80	11.5	115
279	Biosynthesis of mercapturic acid derivative of the labdane-type diterpene, cyslabdan that potentiates imipenem activity against methicillin-resistant <i>Staphylococcus aureus</i> : cyslabdan is generated by mycothiol-mediated xenobiotic detoxification. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 325-42	4.2	23

278	Growth Suppressing Activity of Lhx2 in Human T Cell Acute Lymphoblastic Leukemia (T-ALL)-Derived Cells and Large-Scale Screening of a Lead Compounds Targeting T-ALL. <i>Blood</i> , 2016 , 128, 2813-2813	2.2	
277	Involvement of the Baeyer-Villiger Monooxygenase IfnQ in the Biosynthesis of Isofuranonaphthoquinone Scaffold of JBIR-76 and -77. <i>ChemBioChem</i> , 2016 , 17, 1021-8	3.8	7
276	Production of a Novel Amide-Containing Polyene by Activating a Cryptic Biosynthetic Gene Cluster in <i>Streptomyces</i> sp. MSC090213JE08. <i>ChemBioChem</i> , 2016 , 17, 1464-71	3.8	26
275	tRNA-Dependent Aminoacylation of an Amino Sugar Intermediate in the Biosynthesis of a Streptothricin-Related Antibiotic. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 3640-8	4.8	13
274	Class of cyclic ribosomal peptide synthetic genes in filamentous fungi. <i>Fungal Genetics and Biology</i> , 2016 , 86, 58-70	3.9	63
273	Characterization of the biosynthetic gene cluster for maklamicin, a spirotetronate-class antibiotic of the endophytic <i>Micromonospora</i> sp. NBRC 110955. <i>Microbiological Research</i> , 2015 , 180, 30-9	5.3	8
272	New acylated anthocyanins from purple yam and their antioxidant activity. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015 , 79, 1484-92	2.1	21
271	Novel thioviridamide derivative--JBIR-140: heterologous expression of the gene cluster for thioviridamide biosynthesis. <i>Journal of Antibiotics</i> , 2015 , 68, 533-6	3.7	30
270	Saccharothriolides A-C, novel phenyl-substituted 10-membered macrolides isolated from a rare actinomycete <i>Saccharothrix</i> sp. <i>Chemical Communications</i> , 2015 , 51, 8074-7	5.8	18
269	Foxo3a Inhibitors of Microbial Origin, JBIR-141 and JBIR-142. <i>Organic Letters</i> , 2015 , 17, 5476-9	6.2	4
268	Pyrrolidine-containing peptides, JBIR-126, -148, and -149, from <i>Streptomyces</i> sp. NBRC 111228. <i>Tetrahedron Letters</i> , 2015 , 56, 5333-5336	2	13
267	Synthesis of marine oxylipin topsentolide A1 and its stereoisomers, and determination of the absolute configuration of the natural product. <i>Tetrahedron</i> , 2015 , 71, 8436-8443	2.4	1
266	Terpene synthases are widely distributed in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 857-62	11.5	286
265	Total Synthesis and Structure Determination of JBIR-108-A 2-Hydroxy-2-(1-hydroxyethyl)-2,3-dihydro-3(2H)-furanone Isolated from <i>Streptomyces gramineus</i> IR087Pi-4. <i>Journal of Organic Chemistry</i> , 2015 , 80, 114-32	4.2	15
264	Total synthesis and structure elucidation of JBIR-39: a linear hexapeptide possessing piperazic acid and 6-hydroxypiperazic acid residues. <i>Chemistry - A European Journal</i> , 2015 , 21, 3031-41	4.8	5
263	Stereochemical Assignment of the Protein-Protein Interaction Inhibitor JBIR-22 by Total Synthesis. <i>Angewandte Chemie</i> , 2015 , 127, 4118-4122	3.6	3
262	Asymmetric Total Synthesis of ent-Pyripyropene A. <i>Chemistry - A European Journal</i> , 2015 , 21, 9454-60	4.8	10
261	Identification and Characterization of the Streptazone E Biosynthetic Gene Cluster in <i>Streptomyces</i> sp. MSC090213JE08. <i>ChemBioChem</i> , 2015 , 16, 2385-91	3.8	18

260	New 2-(1 <i>H</i> -indole-3 <i>C</i> -carbonyl)-thiazoles derived from the thermophilic bacterium <i>Thermosporothrix hazakensis</i> SK20-1(T). <i>Journal of Antibiotics</i> , 2015 , 68, 60-2	3.7	11
259	MBJ-0086 and MBJ-0087, new bicyclic depsipeptides, from <i>Sphaerisorangium</i> sp. 33226. <i>Journal of Antibiotics</i> , 2015 , 68, 67-70	3.7	10
258	Biosynthesis of versipelostatin: identification of an enzyme-catalyzed [4+2]-cycloaddition required for macrocyclization of spirotetronate-containing polyketides. <i>Journal of the American Chemical Society</i> , 2015 , 137, 572-5	16.4	73
257	Stereochemical assignment of the protein-protein interaction inhibitor JBIR-22 by total synthesis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4046-50	16.4	15
256	Novel terpenes generated by heterologous expression of bacterial terpene synthase genes in an engineered <i>Streptomyces</i> host. <i>Journal of Antibiotics</i> , 2015 , 68, 385-94	3.7	51
255	Identification and biosynthesis of new acyloins from the thermophilic bacterium <i>Thermosporothrix hazakensis</i> SK20-1(T). <i>ChemBioChem</i> , 2014 , 15, 527-32	3.8	15
254	Establishment of the absolute configuration of the 34-membered polyol macrolide compound JBIR-129. <i>Journal of Antibiotics</i> , 2014 , 67, 419-20	3.7	2
253	Total synthesis and characterization of thielocin B1 as a protein-protein interaction inhibitor of PAC3 homodimer. <i>Chemical Science</i> , 2014 , 5, 1860-1868	9.4	12
252	Actinopyrone D, a new downregulator of the molecular chaperone GRP78 from <i>Streptomyces</i> sp. <i>Journal of Antibiotics</i> , 2014 , 67, 831-4	3.7	8
251	Biosynthesis of the 4-methyloxazoline-containing nonribosomal peptides, JBIR-34 and -35, in <i>Streptomyces</i> sp. Sp080513GE-23. <i>Chemistry and Biology</i> , 2014 , 21, 923-34		23
250	Isolation, structural elucidation and biosynthesis of 3-hydroxy-6-dimethylallylindolin-2-one, a novel prenylated indole derivative from <i>Actinoplanes missouriensis</i> . <i>Journal of Antibiotics</i> , 2014 , 67, 231-6	3.7	7
249	Total synthesis and stereochemistry revision of mannopeptimycin aglycone. <i>Journal of the American Chemical Society</i> , 2014 , 136, 12011-7	16.4	27
248	Characterization of the biosynthetic gene cluster for the ribosomally synthesized cyclic peptide ustiloxin B in <i>Aspergillus flavus</i> . <i>Fungal Genetics and Biology</i> , 2014 , 68, 23-30	3.9	97
247	NMR Spectroscopic Characterization of Inclusion Complexes of Theaflavin Digallate and Cyclodextrins. <i>Food Science and Technology Research</i> , 2014 , 20, 663-670	0.8	5
246	Genome-based discovery of a novel membrane-bound 1,6-dihydroxyphenazine prenyltransferase from a marine actinomycete. <i>PLoS ONE</i> , 2014 , 9, e99122	3.7	18
245	A highly oxygenated ergostane--MBJ-0005--from <i>Anthostomella eucalyptorum</i> f25427. <i>Journal of Antibiotics</i> , 2014 , 67, 843-5	3.7	
244	Novel aziridine-containing peptides MBJ-0034 and MBJ-0035 from <i>Streptosporangium</i> sp. 32552. <i>Journal of Antibiotics</i> , 2014 , 67, 577-80	3.7	11
243	New hydroxamate metabolite, MBJ-0003, from <i>Micromonospora</i> sp. 29867. <i>Journal of Antibiotics</i> , 2014 , 67, 261-3	3.7	15

242	Diversity of bacteria and polyketide synthase associated with marine sponge <i>Haliclona</i> sp.. <i>Annals of Microbiology</i> , 2014 , 64, 199-207	3.2	10
241	Genome mining of the <i>Streptomyces avermitilis</i> genome and development of genome-minimized hosts for heterologous expression of biosynthetic gene clusters. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014 , 41, 233-50	4.2	119
240	New chaetoglobosin derivatives, MBJ-0038, MBJ-0039 and MBJ-0040, isolated from the fungus <i>Chaetomium</i> sp. f24230. <i>Journal of Antibiotics</i> , 2013 , 66, 727-30	3.7	15
239	Cytotoxic sesquiterpenoids MBJ-0009 and MBJ-0010 from a saprobic fungus <i>Nectria</i> sp. f26111. <i>Journal of Antibiotics</i> , 2013 , 66, 567-9	3.7	10
238	Design and synthesis of 2-phenyl-1,4-dioxo-spiro[4.5]deca-6,9-dien-8-ones as potential anticancer agents starting from cytotoxic spiromamakone A. <i>European Journal of Medicinal Chemistry</i> , 2013 , 66, 180-4	6.8	10
237	Mammalian DNA2 helicase/nuclease cleaves G-quadruplex DNA and is required for telomere integrity. <i>EMBO Journal</i> , 2013 , 32, 1425-39	13	100
236	Engineered <i>Streptomyces avermitilis</i> host for heterologous expression of biosynthetic gene cluster for secondary metabolites. <i>ACS Synthetic Biology</i> , 2013 , 2, 384-96	5.7	170
235	New pyridone alkaloids JBIR-130, JBIR-131 and JBIR-132 from <i>Isaria</i> sp. NBRC 104353. <i>Journal of Antibiotics</i> , 2013 , 66, 235-8	3.7	4
234	Correction of the structure of cuevaene A and its identity with MBJ-0020 from <i>Streptomyces</i> sp. 30503. <i>Journal of Antibiotics</i> , 2013 , 66, 563-5	3.7	3
233	Three eremophilane derivatives, MBJ-0011, MBJ-0012 and MBJ-0013, from an endophytic fungus <i>Apiognomonia</i> sp. f24023. <i>Journal of Antibiotics</i> , 2013 , 66, 299-302	3.7	18
232	Spectomycin B1 as a novel SUMOylation inhibitor that directly binds to SUMO E2. <i>ACS Chemical Biology</i> , 2013 , 8, 2635-42	4.9	68
231	FANCI couples replication past natural fork barriers with maintenance of chromatin structure. <i>Journal of Cell Biology</i> , 2013 , 201, 33-48	7.3	83
230	Specialization among iron-sulfur cluster helicases to resolve G-quadruplex DNA structures that threaten genomic stability. <i>Journal of Biological Chemistry</i> , 2013 , 288, 28217-29	5.4	89
229	JBIR-107, a new metabolite from the marine-sponge-derived actinomycete, <i>Streptomyces tateyamensis</i> NBRC 105047. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013 , 77, 663-5	2.1	6
228	Synthesis of Heptaoxazole Macrocylic Analogues of Telomestatin and Evaluation of Their Telomerase Inhibitory Activities. <i>Bulletin of the Chemical Society of Japan</i> , 2013 , 86, 1453-1465	5.1	4
227	G-quadruplexes as potential therapeutic targets for embryonal tumors. <i>Molecules</i> , 2013 , 18, 12500-37	4.8	35
226	Atrx deficiency induces telomere dysfunction, endocrine defects, and reduced life span. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2049-63	15.9	74
225	MIDDAS-M: motif-independent de novo detection of secondary metabolite gene clusters through the integration of genome sequencing and transcriptome data. <i>PLoS ONE</i> , 2013 , 8, e84028	3.7	80

224	Analysis of the biological activity of a novel 24-membered macrolide JBIR-19 in <i>Saccharomyces cerevisiae</i> by the morphological imaging program CalMorph. <i>FEMS Yeast Research</i> , 2012 , 12, 293-304	3.1	21
223	Solophenols B-D and solomonin: new prenylated polyphenols isolated from propolis collected from the Solomon Islands and their antibacterial activity. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11765-70	5.7	29
222	Relative configuration of JBIR-129, a cytotoxic 34-membered glycosidic polyol macrolide from <i>Streptomyces</i> sp. RK74. <i>Organic Letters</i> , 2012 , 14, 4434-7	6.2	15
221	Design and Synthesis of G-Quadruplex Ligands Bearing Macrocyclic Hexaoxazoles with Four-Way Side Chains. <i>Heterocycles</i> , 2012 , 84, 401	0.8	12
220	Tyrosyl-DNA phosphodiesterase 1 inhibitor from an anamorphic fungus. <i>Journal of Natural Products</i> , 2012 , 75, 764-7	4.9	20
219	JBIR-94 and JBIR-125, antioxidative phenolic compounds from <i>Streptomyces</i> sp. R56-07. <i>Journal of Natural Products</i> , 2012 , 75, 107-10	4.9	25
218	JBIR-78 and JBIR-95: phenylacetylated peptides isolated from <i>Kibdelosporangium</i> sp. AK-AA56. <i>Journal of Natural Products</i> , 2012 , 75, 280-4	4.9	8
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