

Miwa Kubo

List of Publications by Year in descending order

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74
papers

1,636
citations

236925

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36
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78
all docs

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docs citations

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times ranked

1415
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Novel Pentacyclic <i>seco</i> -Prezizaane-Type Sesquiterpenoids with Neurotrophic Properties from <i>Illicium jiadifengpi</i> . <i>Organic Letters</i> , 2009, 11, 5190-5193. | 4.6 | 127 |
| 2 | Antioxidant Phenylpropanoid-Substituted Epicatechins from <i>Trichilia catigua</i> . <i>Journal of Natural Products</i> , 2007, 70, 2010-2013. | 3.0 | 62 |
| 3 | Nerve Growth Factor-Potentiating Benzofuran Derivatives from the Medicinal Fungus <i>Phellinus ribis</i> . <i>Journal of Natural Products</i> , 2012, 75, 2152-2157. | 3.0 | 56 |
| 4 | Anti-biofilm and bactericidal effects of magnolia bark-derived magnolol and honokiol on <i>Streptococcus mutans</i> . <i>Microbiology and Immunology</i> , 2016, 60, 10-16. | 1.4 | 56 |
| 5 | Total Synthesis of (±)-Neovibsanin B. <i>Organic Letters</i> , 2009, 11, 1253-1255. | 4.6 | 51 |
| 6 | Chemical Constituents from <i>Hericium erinaceus</i> Promote Neuronal Survival and Potentiate Neurite Outgrowth via the TrkA/Erk1/2 Pathway. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1659. | 4.1 | 50 |
| 7 | Chemistry and Biological Activities of Vibsanin-Type Diterpenoids. <i>Heterocycles</i> , 2010, 81, 1571. | 0.7 | 49 |
| 8 | Rearranged Vibsanin-Type Diterpenes from <i>Viburnum awabuki</i> and Photochemical Reaction of Vibsanin B. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 72-80. | 1.3 | 47 |
| 9 | NGF-potentiating vibsanin-type diterpenoids from <i>Viburnum sieboldii</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2566-2571. | 2.2 | 40 |
| 10 | Vibsanin-type Diterpenes from Taiwanese <i>Viburnum odoratissimum</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 242-245. | 1.3 | 36 |
| 11 | Structure and neurotrophic activity of novel sesqui-neolignans from the pericarps of <i>Illicium fargesii</i> . <i>Tetrahedron</i> , 2007, 63, 4243-4249. | 1.9 | 36 |
| 12 | Clerodane Diterpenoids with NGF-Potentiating Activity from <i>Ptychopetalum olacoides</i> . <i>Journal of Natural Products</i> , 2008, 71, 1760-1763. | 3.0 | 36 |
| 13 | Synthesis of riccardin C and its seven analogues. Part 1: The role of their phenolic hydroxy groups as LXR α agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 738-741. | 2.2 | 36 |
| 14 | Spirovibsanin A, an unprecedented vibsanin-type 18-norditerpene from <i>Viburnum awabuki</i> . <i>Tetrahedron Letters</i> , 2001, 42, 1081-1083. | 1.4 | 34 |
| 15 | Novel NGF-potentiating diterpenoids from a Brazilian medicinal plant, <i>Ptychopetalum olacoides</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 882-886. | 2.2 | 34 |
| 16 | Phenylbutenoid dimers isolated from <i>Zingiber purpureum</i> exert neurotrophic effects on cultured neurons and enhance hippocampal neurogenesis in olfactory bulbectomized mice. <i>Neuroscience Letters</i> , 2012, 513, 72-77. | 2.1 | 34 |
| 17 | Neovibsanin F and Its Congeners, Rearranged Vibsanin-Type Diterpenes from <i>Viburnum suspensum</i> . <i>Journal of Natural Products</i> , 2006, 69, 1098-1100. | 3.0 | 33 |
| 18 | Structures of New Seven-Membered Ring Vibsanin-Type Diterpenes Isolated from Leaves of <i>Viburnum awabuki</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 1998, 46, 1194-1198. | 1.3 | 32 |

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|----|--|-----|-----------|
| 19 | Seven-Membered Vibrane-Type Diterpenes with a 5,10-cis Relationship from <i>Viburnum awabuki</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 368-371. | 1.3 | 32 |
| 20 | Evaluation of Constituents of <i>Piper retrofractum</i> Fruits on Neurotrophic Activity. <i>Journal of Natural Products</i> , 2013, 76, 769-773. | 3.0 | 32 |
| 21 | The first examples of seco-prezizaane-type norsesquiterpenoids with neurotrophic activity from <i>Illicium jiadifengpi</i> . <i>Tetrahedron Letters</i> , 2012, 53, 1231-1235. | 1.4 | 29 |
| 22 | Solid-phase combinatorial synthesis of benzothiazoles, benzimidazoles, and benzoxazoles using a traceless linker. <i>Tetrahedron</i> , 2007, 63, 11315-11324. | 1.9 | 28 |
| 23 | Isolation, synthesis, and neurite outgrowth-promoting activity of illicinin A from the flowers of <i>Illicium anisatum</i> . <i>Tetrahedron</i> , 2009, 65, 8354-8361. | 1.9 | 28 |
| 24 | Structures of furanovibsanins A–C from <i>Viburnum awabuki</i> . <i>Tetrahedron</i> , 2002, 58, 10033-10041. | 1.9 | 27 |
| 25 | Neovibsanin C, a macrocyclic peroxide-containing neovibsanane-type diterpene from <i>Viburnum awabuki</i> . <i>Tetrahedron Letters</i> , 1999, 40, 6261-6265. | 1.4 | 26 |
| 26 | Tetranorsesquiterpenoids and Santalane-Type Sesquiterpenoids from <i>Illicium lanceolatum</i> and Their Antimicrobial Activity against the Oral Pathogen <i>Porphyromonas gingivalis</i> . <i>Journal of Natural Products</i> , 2015, 78, 1466-1469. | 3.0 | 25 |
| 27 | Two New Sesquiterpenoids and Two New Prenylated Phenylpropanoids from <i>Illicium fargesii</i> , and Neuroprotective Activity of Macranthol. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1201-1204. | 1.3 | 24 |
| 28 | Systematic Asymmetric Synthesis of All Diastereomers of (±)-Talaumidin and Their Neurotrophic Activity. <i>Journal of Organic Chemistry</i> , 2015, 80, 7076-7088. | 3.2 | 24 |
| 29 | Invasion Inhibitors of Human Fibrosarcoma HT 1080 Cells from the Rhizomes of <i>Zingiber cassumunar</i> ; Structures of Phenylbutanoids, Cassumunols. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 365-370. | 1.3 | 23 |
| 30 | Spirocyclic Nortriterpenoids with NGF-Potentiating Activity from the Fruits of <i>Leonurus heterophyllus</i> . <i>Journal of Natural Products</i> , 2012, 75, 1353-1358. | 3.0 | 23 |
| 31 | Syntheses of structurally-simplified and fluorescently-labeled neovibsanin derivatives and analysis of their neurite outgrowth activity in PC12 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2089-2093. | 2.2 | 23 |
| 32 | Novel neurotrophic phenylbutenoids from Indonesian ginger Bangle, <i>Zingiber purpureum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1586-1591. | 2.2 | 23 |
| 33 | Synthesis of the ABC Ring System of Jiadifenin via Pd-Catalyzed Cyclizations. <i>Organic Letters</i> , 2011, 13, 988-991. | 4.6 | 20 |
| 34 | Total synthesis of riccardin C and (±)-cavicularin via Pd-catalyzed Ar–Ar cross couplings. <i>Tetrahedron</i> , 2013, 69, 6959-6968. | 1.9 | 20 |
| 35 | Synthesis of fluorescence-labeled peptidocalix[4]arene library and its peptide sensing ability. <i>Tetrahedron Letters</i> , 2002, 43, 7949-7952. | 1.4 | 19 |
| 36 | Development of a new traceless aniline linker for solid-phase synthesis of azomethines. Application to parallel synthesis of a rod-shaped liquid crystalline library. <i>Tetrahedron</i> , 2005, 61, 10643-10651. | 1.9 | 19 |

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|----|--|-----|-----------|
| 37 | Antimalarial Phenanthroindolizine Alkaloids from <i>Ficus septica</i> . Chemical and Pharmaceutical Bulletin, 2016, 64, 957-960. | 1.3 | 19 |
| 38 | Combinatorial Synthesis of Benzothiazoles and Benzimidazoles Using a Traceless Aniline Linker. ACS Combinatorial Science, 2006, 8, 462-463. | 3.3 | 18 |
| 39 | Development of calixarene-based host molecules for peptides in aqueous media. Tetrahedron Letters, 2006, 47, 1927-1931. | 1.4 | 17 |
| 40 | Solid-Phase Combinatorial Synthesis of 2-Arylquinazolines and 2-Arylquinazolinones by an 4-Alkoxyaniline Linker. ACS Combinatorial Science, 2008, 10, 620-623. | 3.3 | 17 |
| 41 | Chemical constituents of the Vietnamese plants <i>Dalbergia tonkinensis</i> Prain and <i>Cratoxylum formosum</i> (Jack) Dyer in Hook and their DPPH radical scavenging activities. Medicinal Chemistry Research, 2019, 28, 1441-1447. | 2.4 | 17 |
| 42 | Neurotrophic activity of jiadifenolide on neuronal precursor cells derived from human induced pluripotent stem cells. Biochemical and Biophysical Research Communications, 2016, 470, 798-803. | 2.1 | 16 |
| 43 | Synthesis of calix[4]arene library substituted with peptides at the upper rim. Tetrahedron Letters, 2004, 45, 561-564. | 1.4 | 15 |
| 44 | Synthesis of jiadifenin using Mizoroki-Heck and Tsuji-Trost reactions. Tetrahedron, 2015, 71, 2199-2209. | 1.9 | 15 |
| 45 | Structure of seven new vibsane-type diterpenoids from <i>Viburnum awabuki</i> . Tetrahedron, 2019, 75, 2379-2384. | 1.9 | 15 |
| 46 | A benzophenone and a xanthone from <i>Garcinia Subelliptica</i> . Phytochemistry, 1998, 49, 1783-1785. | 2.9 | 14 |
| 47 | Total Synthesis of Pseudodehydrothysiferol. Organic Letters, 2009, 11, 579-582. | 4.6 | 13 |
| 48 | Bangle (<i>Zingiber purpureum</i>) Improves Spatial Learning, Reduces Deficits in Memory, and Promotes Neurogenesis in the Dentate Gyrus of Senescence-Accelerated Mouse P8. Journal of Medicinal Food, 2016, 19, 435-441. | 1.5 | 13 |
| 49 | Safety Assessment of Bangle (<i>Zingiber purpureum</i> Rosc.) Rhizome Extract: Acute and Chronic Studies in Rats and Clinical Studies in Human. ACS Omega, 2018, 3, 15879-15889. | 3.5 | 13 |
| 50 | Metabolite Profiling of Javanese Ginger <i>Zingiber purpureum</i> and Identification of Antiseizure Metabolites via a Low-Cost Open-Source Zebrafish Bioassay-Guided Isolation. Journal of Agricultural and Food Chemistry, 2020, 68, 7904-7915. | 5.2 | 12 |
| 51 | Sucupiranins A-L, Furanocassane Diterpenoids from the Seeds of <i>Bowdichia virgilioides</i> . Journal of Natural Products, 2017, 80, 3120-3127. | 3.0 | 11 |
| 52 | Acetal-Bearing Rearranged Vibsane-Type Diterpenoids from <i>Viburnum awabuki</i> . Heterocycles, 2009, 77, 539. | 0.7 | 10 |
| 53 | Novel Alkoxyamine Linker to Load Ketones for Solid-Phase Synthesis: Application of the Synthesis of 1,4-Benzodiazepine-2-ones. ACS Combinatorial Science, 2010, 12, 311-314. | 3.3 | 9 |
| 54 | Structure-activity relationships of talaumidin derivatives: Their neurite-outgrowth promotion in vitro and optic nerve regeneration in vivo. European Journal of Medicinal Chemistry, 2018, 148, 86-94. | 5.5 | 9 |

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|----|--|-----|-----------|
| 55 | Formal Total Synthesis of Testudinariol A, a Triterpene with C ₂ Symmetry. <i>Chemistry Letters</i> , 2001, 30, 898-899. | 1.3 | 8 |
| 56 | Jiadifenolide induces the expression of cellular communication network factor (CCN) genes, and CCN2 exhibits neurotrophic activity in neuronal precursor cells derived from human induced pluripotent stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 309-315. | 2.1 | 8 |
| 57 | Chemistry and Neurotrophic Activities of (â€‘)-Talaumidin and Its Derivatives. <i>Frontiers in Chemistry</i> , 2020, 8, 301. | 3.6 | 8 |
| 58 | Solid-phase synthesis of benzothiazoles using an alkoxyamine linker. <i>Tetrahedron Letters</i> , 2012, 53, 4337-4342. | 1.4 | 7 |
| 59 | Solid-phase synthesis of benzazoles, quinazolines, and quinazolinones using an alkoxyamine linker. <i>Tetrahedron Letters</i> , 2014, 55, 5793-5797. | 1.4 | 7 |
| 60 | Serine protease inhibitors and activators from <i>Dalbergia tonkinensis</i> species. <i>Journal of Natural Medicines</i> , 2020, 74, 257-263. | 2.3 | 6 |
| 61 | On-bead screening of a library to detect host-guest complexation by an aniline reporter. <i>Chemical Communications</i> , 2006, , 3390-3392. | 4.1 | 5 |
| 62 | Asymmetric Synthesis of (+)-Machilin F by Unusual Stereoselective Mitsunobu Reaction. <i>Heterocycles</i> , 2010, 82, 1127. | 0.7 | 5 |
| 63 | Chemical Diversity of Vibsane-Type Diterpenoids and Neurotrophic Activity and Synthesis of Neovibsanin. <i>Studies in Natural Products Chemistry</i> , 2014, 43, 41-78. | 1.8 | 5 |
| 64 | Discovery of hydrolytic catalysts in a peptidocalixarene library by binding assay with a transition state analogue for the hydrolysis. <i>Chemical Communications</i> , 2009, , 7194. | 4.1 | 4 |
| 65 | Eight New Clerodane Diterpenoids from the Bark of <i>Ptychopetalum olacoides</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600. | 0.5 | 4 |
| 66 | Design and synthesis of dual active neovibsanin derivatives based on a chemical structure merging method. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127497. | 2.2 | 4 |
| 67 | Total Synthesis of Bisbibenzyl Dibenzofuran Asterelin A via Intramolecular Oxidative Coupling. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800. | 0.5 | 3 |
| 68 | Six New Triterpenoids from the Aerial Parts of <i>Maytenus diversifolia</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100. | 0.5 | 3 |
| 69 | A Concise Total Synthesis of Dehydroantofine and Its Antimalarial Activity against Chloroquine-Resistant <i>Plasmodium falciparum</i> . <i>Chemistry - A European Journal</i> , 2021, 27, 5555-5563. | 3.3 | 3 |
| 70 | Studies on Extraction Conditions to Increase the Content of Neurotrophic Compounds in the Bangle (<i>Zingiber purpureum</i>) Extract. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200. | 0.5 | 2 |
| 71 | Germacrane-type sesquiterpenoids from <i>Illicium lanceolatum</i> . <i>Tetrahedron</i> , 2022, 109, 132673. | 1.9 | 1 |
| 72 | A New Pimarane-type Diterpenoid from the Seeds of <i>Bowdichia virgilioides</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100. | 0.5 | 0 |

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|----|--|-----|-----------|
| 73 | Three New Bibenzyls from the Twigs of <i>Smilax longifolia</i> . Natural Product Communications, 2017, 12, 1934578X1701201. | 0.5 | 0 |
| 74 | Four Clerodane Diterpenoids From <i>Ptychopetalum Olacoides</i> . Natural Product Communications, 2022, 17, 1934578X2211085. | 0.5 | 0 |