

# Masao Morita

## List of Publications by Year in descending order

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37  
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1,373  
citations

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times ranked

1085  
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#	ARTICLE	IF	CITATIONS
1	Synthesis of Phosphatidylcholines Possessing Functionalized Acids at sn-2, and $^{13}\text{C}$ – $^{14}\text{N}$ and $^{13}\text{C}$ – $^{31}\text{P}$ Couplings in Their $^{13}\text{C}$ NMR Spectra. <i>Synlett</i> , 2020, 31, 718-722.	1.8	2
2	Synthesis of Resolvin D6 and the Silyl Ether of the Resolvin E2 Methyl Ester via trans-Enynyl Alcohols. <i>Synlett</i> , 2019, 30, 1351-1355.	1.8	4
3	Use of the 2-Pyridinesulfonyloxy Leaving Group for the Fast Copper-Catalyzed Coupling Reaction at Secondary Alkyl Carbons with Grignard Reagents. <i>Organic Letters</i> , 2019, 21, 3247-3251.	4.6	19
4	The Hudrlik–Peterson Reaction of Secondary cis-TMS-Epoxy Alcohols and its Application to the Synthesis of the Fatty Acid Intermediates. <i>Synlett</i> , 2019, 30, 1085-1089.	1.8	2
5	Stereocontrolled synthesis of resolvin D1. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2212-2222.	2.8	7
6	Stereoselective Synthesis of Maresin-Like Lipid Mediators. <i>Synlett</i> , 2019, 30, 343-347.	1.8	6
7	Regio- and stereoselective $\text{S}_{\text{N}}2$ reaction of an allylic picolinate in the synthesis of LY426965. <i>Tetrahedron</i> , 2018, 74, 1826-1831.	1.9	5
8	Stereocontrolled Synthesis of Resolvin D4. <i>Journal of Organic Chemistry</i> , 2018, 83, 3906-3914.	3.2	12
9	Stereoselective Total Synthesis of Macrophage-Produced Prohealing 14,21-Dihydroxy Docosahexaenoic Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 154-166.	3.2	8
10	Reaction of 1-Trimethylsilyl-1,2-epoxy-3-alkanols with Alkynes and Application to the Synthesis of 18-HEPE. <i>Synlett</i> , 2018, 29, 1791-1795.	1.8	6
11	Total Synthesis of Resolvin D5. <i>Journal of Organic Chemistry</i> , 2017, 82, 2032-2039.	3.2	20
12	Stereoselective synthesis of 17,18-epoxy derivative of EPA and stereoisomers of isoleukotoxin diol by ring opening of TMS-substituted epoxide with dimethyl sodium. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8614-8626.	2.8	13
13	Synthesis of the Verapamil Intermediate through the Quaternary Carbon-Constructing Allylic Substitution. <i>Synlett</i> , 2017, 28, 2655-2659.	1.8	7
14	Asymmetric synthesis of 12-hydroxyheptadecatrienoic acid and its 5,6-dihydro- and 14,15-dehydro-derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10667-10673.	2.8	10
15	Total Syntheses of Perenniporides. <i>Organic Letters</i> , 2015, 17, 5634-5637.	4.6	10
16	Enhancement of Redox Cycling Currents at Interdigitated Electrodes with Elevated Fingers. <i>Journal of the Electrochemical Society</i> , 2014, 161, H178-H182.	2.9	18
17	Syntheses of Secocyclolignanes and Comparative Antioxidative Activity between Secocyclolignane and the Dibenzyl Type of Lignan. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 939-943.	1.3	3
18	First Diastereoselective Construction of Butane-Type and Butyrolactone-Type Secocyclolignane Structures. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 2445-2451.	1.3	1

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19	Nonlinear and adiabatic control of high-Q photonic crystal nanocavities. <i>Optics Express</i> , 2007, 15, 17458.	3.4	129
20	Synthesis and Electrolytic Polymerization of the Ethylenedioxy-Substituted Terthiophene-Fullerene Dyad. <i>Organic Letters</i> , 2004, 6, 4865-4868.	4.6	61
21	Nickel content dependence of electrochemical behavior of carbohydrates on a titanium-nickel alloy electrode and its application to a liquid chromatography detector. <i>Journal of Chromatography A</i> , 1999, 837, 17-24.	3.7	30
22	Imaging and spectroscopic analysis of single microdroplets containing p-cresol using the near-infrared laser tweezers/Raman microprobe system. <i>Surface Science</i> , 1999, 427-428, 141-146.	1.9	13
23	Electrochemical reaction of $\text{Fe}(\text{CN})_3^{4-}$ on gold electrodes analyzed by surface plasmon resonance. <i>Surface Science</i> , 1999, 427-428, 195-198.	1.9	35
24	Microscopic Observation of $\text{TiO}_2$ Photocatalysis Using Scanning Electrochemical Microscopy. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3213-3217.	2.6	42
25	Three-Dimensional Molecular Imaging of p-Cresol in a Micro-Capillary Cell using Near-Infrared Raman Microprobe Chemical Tomography. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 314, 191-196.	0.3	6
26	Time differential surface plasmon resonance measurements applied for electrochemical analysis. <i>Electroanalysis</i> , 1997, 9, 1239-1241.	2.9	45
27	Concentration of Extracellular Glutamate Released from Cultured Nerve Cells Measured with a Small-Volume Online Sensor. <i>Analytical Chemistry</i> , 1996, 68, 1865-1870.	6.5	88
28	Determination of acetylcholine and choline with platinum-black ultramicroarray electrodes using liquid chromatography with a post-column enzyme reactor. <i>Analytica Chimica Acta</i> , 1996, 318, 167-173.	5.4	46
29	Stripping voltammetry of reversible redox species by self-induced redox cycling. <i>Analytical Chemistry</i> , 1992, 64, 3206-3208.	6.5	31
30	Highly sensitive high-performance liquid chromatography detection of catecholamine with interdigitated array microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1992, 335, 253-263.	3.8	48
31	Highly sensitive detection of reversible species by self-induced redox cycling. <i>Journal of Electroanalytical Chemistry</i> , 1992, 326, 339-343.	3.8	11
32	Fabrication and electrochemical features of new carbon based interdigitated array microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1992, 334, 25-33.	3.8	49
33	Highly sensitive and selective voltammetric detection of dopamine with vertically separated interdigitated array electrodes. <i>Electroanalysis</i> , 1991, 3, 163-168.	2.9	69
34	Electrochemical behavior of reversible redox species at interdigitated array electrodes with different geometries: consideration of redox cycling and collection efficiency. <i>Analytical Chemistry</i> , 1990, 62, 447-452.	6.5	263
35	Quantitative analysis of reversible diffusion-controlled currents of redox soluble species at interdigitated array electrodes under steady-state conditions. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 256, 269-282.	0.1	232
36	Methacrylated silicone-based negative photoresist for high resolution bilayer resist systems. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1986, 4, 414.	1.6	19

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37	Direct pattern fabrication on silicone resin by vapor phase electron beam polymerization. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1983, 1, 1171.	1.6	3