Shoji Maeda

List of Publications by Year
in descending order

43 papers	4,614 citations	172457 29 h-index	289244 40 g-index
51 all docs	51 docs citations	51 times ranked	5526 citing authors

#	Article	IF	Citations
1	Atypical structural snapshots of human cytomegalovirus GPCR interactions with host G proteins. Science Advances, 2022, 8, eabl5442.	10.3	11
2	Structural basis for the constitutive activity and immunomodulatory properties of the Epstein-Barr virus-encoded G protein-coupled receptor BILF1. Immunity, 2021, 54, 1405-1416.e7.	14.3	18
3	Structural mechanism underlying primary and secondary coupling between GPCRs and the Gi/o family. Nature Communications, 2020, 11, 3160.	12.8	36
4	Activation of the Î±2B adrenoceptor by the sedative sympatholytic dexmedetomidine. Nature Chemical Biology, 2020, 16, 507-512.	8.0	51
5	Structure and selectivity engineering of the M ₁ muscarinic receptor toxin complex. Science, 2020, 369, 161-167.	12.6	35
6	Structural insights into the subtype-selective antagonist binding to the M2 muscarinic receptor. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 3-P-359.	0.0	0
7	Structures of the M1 and M2 muscarinic acetylcholine receptor/G-protein complexes. Science, 2019, 364, 552-557.	12.6	244
8	Local membrane charge regulates Î²2 adrenergic receptor coupling to Gi3. Nature Communications, 2019, 10, 2234.	12.8	57
9	Conformational Complexity and Dynamics in a Muscarinic Receptor Revealed by NMR Spectroscopy. Molecular Cell, 2019, 75, 53-65.e7.	9.7	59
10	Structure of a Signaling Cannabinoid Receptor 1-G Protein Complex. Cell, 2019, 176, 448-458.e12.	28.9	323
11	Cryo-EM structure of the rhodopsin-GÎ±i-Î²Î³ complex reveals binding of the rhodopsin C-terminal tail to the gÎ² subunit. ELife, 2019, 8, .	6.0	52
12	Structural insights into the subtype-selective antagonist binding to the M2 muscarinic receptor. Nature Chemical Biology, 2018, 14, 1150-1158.	8.0	59
13	Development of an antibody fragment that stabilizes GPCR/G-protein complexes. Nature Communications, 2018, 9, 3712.	12.8	157
14	Structure of the Âµ-opioid receptorâ€"Gi protein complex. Nature, 2018, 558, 547-552.	27.8	527
15	Probing GÎ±i1 protein activation at singleâ€"amino acid resolution. Nature Structural and Molecular Biology, 2015, 22, 686-694.	8.2	58
16	Crystallization Scale Preparation of a Stable GPCR Signaling Complex between Constitutively Active Rhodopsin and G-Protein. PLoS ONE, 2014, 9, e98714.	2.5	24
17	Production of GPCR and GPCR complexes for structure determination. Current Opinion in Structural Biology, 2013, 23, 381-392.	5.7	37
18	Structure of the gap junction channel and its implications for its biological functions. Cellular and Molecular Life Sciences, 2011, 68, 1115-1129.	5.4	115

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19	Asparagine 175 of Connexin32 Is a Critical Residue for Docking and Forming Functional Heterotypic Gap Junction Channels with Connexin26. Journal of Biological Chemistry, 2011, 286, 19672-19681.	3.4	43
20	Structural and functional studies of gap junction channels. Current Opinion in Structural Biology, 2010, 20, 423-430.	5.7	63
21	Structure of Human Gap Junction Channel. Seibutsu Butsuri, 2010, 50, 190-191.	0.1	0
22	Structure of the Gap Junction Channel. Nihon Kessho Gakkaishi, 2010, 52, 25-30.	0.0	0
23	A description of the structural determination procedures of a gap junction channel at 3.5â€…Ã… resolution. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 758-766.	2.5	23
24	Structure of the connexin 26 gap junction channel at 3.5â€‰Ã… resolution. Nature, 2009, 458, 597-602.	27.8	642
25	A Description of a Structure Determination Procedure of a Gap Junction Channel at 3.5A Resolution.. Nihon Kessho Gakkaishi, 2009, 51, 327-333.	0.0	0
26	<i>Nod2</i> Mutation in Crohn's Disease Potentiates NF-ÎºB Activity and IL-1ÃŸ Processing. Science, 2005, 307, 734-738.	12.6	717
27	Roles of Met-34, Cys-64, and Arg-75 in the Assembly of Human Connexin 26. Journal of Biological Chemistry, 2003, 278, 1807-1816.	3.4	96
28	Ligand Binding of the Second PDZ Domain Regulates Clustering of PSD-95 with the Kv1.4 Potassium Channel. Journal of Biological Chemistry, 2002, 277, 3640-3646.	3.4	49
29	Analysis of apoptotic and antiapoptotic signalling pathways induced by Helicobacter pylori. Journal of Clinical Pathology, 2002, 55, 286-293.	1.9	32
30	cDNA Microarray Analysis of Helicobacter pylori-Mediated Alteration of Gene Expression in Gastric Cancer Cells. Biochemical and Biophysical Research Communications, 2001, 284, 443-449.	2.1	74
31	Gender-specific haplotype association of collagen Î±2 (XI) gene in ossification of the posterior longitudinal ligament of the spine. Journal of Human Genetics, 2001, 46, 1-4.	2.3	65
32	Functional Impact of Human Collagen Î±2(XI) Gene Polymorphism in Pathogenesis of Ossification of the Posterior Longitudinal Ligament of the Spine. Journal of Bone and Mineral Research, 2001, 16, 948-957.	2.8	69
33	Distinct Mechanism of Helicobacter pylori-mediated NF-ÎºB Activation between Gastric Cancer Cells and Monocytic Cells. Journal of Biological Chemistry, 2001, 276, 44856-44864.	3.4	173
34	Changes with Age in Proteoglycan Synthesis in Cells Cultured In Vitro From the Inner and Outer Rabbit Annulus Fibrosus. Spine, 2000, 25, 166.	2.0	69
35	Assessment of gastric carcinoma risk associated with Helicobacter pylori may vary depending on the antigen used: CagA specific enzyme-linked immunoadsorbent assay (ELISA) versus commercially available H. pylori ELISAs. Cancer, 2000, 88, 1530-5.	4.1	19
36	Structure of <i>cag</i> pathogenicity island in Japanese <i>Helicobacter pylori</i>isolates. Gut, 1999, 44, 336-341.	12.1	162

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37	<i>Helicobacter pylori</i> specific nested PCR assay for the detection of 23S rRNA mutation associated with clarithromycin resistance. Gut, 1998, 43, 317-321.	12.1	63
38	Major virulence factors, VacA and CagA, are commonly positive in<i>Helicobacter pylori</i> isolates in Japan. Gut, 1998, 42, 338-343.	12.1	227
39	High seropositivity of anti-CagA antibody in Helicobacter pylori-infected patients irrelevant to peptic ulcers and normal mucosa in Japan. Digestive Diseases and Sciences, 1997, 42, 1841-1847.	2.3	67
40	Determination of interstitial collagenase (MMP-1) in patients with rheumatoid arthritis.. Annals of the Rheumatic Diseases, 1995, 54, 970-975.	0.9	60
41	Transport of organic cation in renal brush-border membrane from rats with renal ischemic injury. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1150, 103-110.	2.6	19
42	Identification of a surface structure in the fourth component of human complement, C4, which becomes hidden upon activation by C1Ë‰s. Biochemical Journal, 1993, 289, 503-508.	3.7	5
43	Histochemical Demonstration of Pyrophosphatase. Biotechnic & Histochemistry, 1956, 31, 13-16.	0.4	10