Motomichi Doi

List of Publications by Year
in descending order

32 papers	633 citations	623734 14 h-index	580821 25 g-index
33 all docs	33 docs citations	33 times ranked	857 citing authors

#	Article	IF	Citations
1	Characterization of phalloidinâ€negative nuclear actin filaments in <scp>U2OS</scp> cells expressing cytoplasmic <scp>actinâ€EGFP</scp>. Genes To Cells, 2022, 27, 317-330.	1.2	6
2	Retrogradely transmitted Î±-synuclein is taken up by the endophilin-independent endocytosis in the C.Âelegans neural circuit. Biochemical and Biophysical Research Communications, 2021, 552, 176-182.	2.1	2
3	In Vivo Study of the Efficacy and Safety of 5-Aminolevulinic Radiodynamic Therapy for Glioblastoma Fractionated Radiotherapy. International Journal of Molecular Sciences, 2021, 22, 9762.	4.1	6
4	In Vivo Simultaneous Analysis of Gene Expression by Dual-Color Luciferases in Caenorhabditis elegans. International Journal of Molecular Sciences, 2021, 22, 119.	4.1	7
5	Utilization of proliferable extracellular amastigotes for transient gene expression, drug sensitivity assay, and CRISPR/Cas9-mediated gene knockout in Trypanosoma cruzi. PLoS Neglected Tropical Diseases, 2019, 13, e0007088.	3.0	17
6	Development of a motion-based cell-counting system for Trypanosoma parasite using a pattern recognition approach. BioTechniques, 2019, 66, 179-185.	1.8	3
7	New Alzheimerâ€™s disease model mouse specialized for analyzing the function and toxicity of intraneuronal Amyloid Î² oligomers. Scientific Reports, 2019, 9, 17368.	3.3	13
8	Intestinal Fâ€box protein regulates quick avoidance behavior of Caenorhabditis elegans to the pathogenic bacterium Pseudomonas aeruginosa. Genes To Cells, 2019, 24, 192-201.	1.2	2
9	Regulation of chromatin states and gene expression during HSN neuronal maturation is mediated by EOR-1/PLZF, MAU-2/cohesin loader, and SWI/SNF complex. Scientific Reports, 2018, 8, 7942.	3.3	5
10	Anticancer activity of the supercritical extract of Brazilian green propolis and its active component, artepillinÃ¯Â¿Â½C: Bioinformatics and experimental analyses of its mechanisms of action. International Journal of Oncology, 2018, 52, 925-932.	3.3	34
11	An Excitatory/Inhibitory Switch From Asymmetric Sensory Neurons Defines Postsynaptic Tuning for a Rapid Response to NaCl in Caenorhabditis elegans. Frontiers in Molecular Neuroscience, 2018, 11, 484.	2.9	15
12	EOR-1 mediates non-cell autonomous regulation of abts-1 gene expression in HSNsâ€‹. MicroPublication Biology, 2018, 2018, .	0.1	0
13	A Computational Model Based on Multi-Regional Calcium Imaging Represents the Spatio-Temporal Dynamics in a Caenorhabditis elegans Sensory Neuron. PLoS ONE, 2017, 12, e0168415.	2.5	26
14	Inositol 1,4,5â€trisphosphate receptor determines intracellular Ca²⁺ concentration in Trypanosoma cruzi throughout its life cycle. FEBS Open Bio, 2016, 6, 1178-1185.	2.3	4
15	Development of new fusion proteins for visualizing amyloid-Î² oligomers in vivo. Scientific Reports, 2016, 6, 22712.	3.3	32
16	Photothermal and mechanical stimulation of cells via dualfunctional nanohybrids. Nanotechnology, 2016, 27, 475102.	2.6	6
17	In Vivo Remote Control of Reactions in Caenorhabditis elegans by Using Supramolecular Nanohybrids of Carbon Nanotubes and Liposomes. Angewandte Chemie - International Edition, 2015, 54, 9903-9906.	13.8	17
18	Fluorescent silica nanoparticles modified chemically with terbium complexes as potential bioimaging probes: their fluorescence and colloidal properties in water. New Journal of Chemistry, 2015, 39, 1452-1458.	2.8	10

#	Article	IF	Citations
19	The novel Rac effector RIN-1 regulates neuronal cell migration and axon pathfinding inC. elegans. Development (Cambridge), 2013, 140, 3435-3444.	2.5	11
20	Yeast One-Hybrid GÎ³ Recruitment System for Identification of Protein Lipidation Motifs. PLoS ONE, 2013, 8, e70100.	2.5	5
21	The novel Rac effector RIN-1 regulates neuronal cell migration and axon pathfinding in C. elegans. Journal of Cell Science, 2013, 126, e1-e1.	2.0	0
22	Evolution in theDrosophila ananassaespecies subgroup. Fly, 2009, 3, 157-169.	1.7	24
23	The non-neuronal syntaxin SYN-1 regulates defecation behavior and neural activity in C. elegans through interaction with the Munc13-like protein AEX-1. Biochemical and Biophysical Research Communications, 2009, 378, 404-408.	2.1	6
24	Caenorhabditis elegans Rab escort protein (REPâ€1) differently regulates each Rab protein function and localization in a tissueâ€dependent manner. Genes To Cells, 2008, 13, 1141-1157.	1.2	11
25	Na+/K+ ATPase regulates the expression and localization of acetylcholine receptors in a pump activity-independent manner. Molecular and Cellular Neurosciences, 2008, 38, 548-558.	2.2	30
26	Melatonin signaling regulates locomotion behavior and homeostatic states through distinct receptor pathways in Caenorhabditis elegans. Neuropharmacology, 2007, 53, 157-168.	4.1	53
27	Search for species-specific mating signal in courtship songs of sympatric sibling species, Drosophila ananassae and D. pallidosa.. Genes and Genetic Systems, 2002, 77, 97-106.	0.7	23
28	Regulation of Retrograde Signaling at Neuromuscular Junctions by the Novel C2 Domain Protein AEX-1. Neuron, 2002, 33, 249-259.	8.1	79
29	A locus for female discrimination behavior causing sexual isolation in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6714-6719.	7.1	107
30	Behavioral Response of Males to Major Sex Pheromone Component, (Z,Z)-5,25-Hentriacontadiene, of Drosophila ananassae Females. Journal of Chemical Ecology, 1997, 23, 2067-2078.	1.8	26
31	Genetic analysis ofDrosophila virilissex pheromone: genetic mapping of the locus producing Z-(ll)-pentacosene. Genetical Research, 1996, 68, 17-21.	0.9	15
32	(Z,Z)-5,27-Tritriacontadiene: Major sex pheromone ofDrosophila pallidosa (Diptera; Drosophilidae). Journal of Chemical Ecology, 1994, 20, 3029-3037.	1.8	38