List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Periostin is essential for cardiac healingafter acute myocardial infarction. Journal of Experimental Medicine, 2008, 205, 295-303.	8.5	404
2	Incorporation of Tenascin-C into the Extracellular Matrix by Periostin Underlies an Extracellular Meshwork Architecture. Journal of Biological Chemistry, 2010, 285, 2028-2039.	3.4	239
3	Development of a novel selective inhibitor of the Down syndrome-related kinase Dyrk1A. Nature Communications, 2010, 1, 86.	12.8	226
4	Interaction between Periostin and BMP-1 Promotes Proteolytic Activation of Lysyl Oxidase. Journal of Biological Chemistry, 2010, 285, 13294-13303.	3.4	225
5	A functional study on polymorphism of the ATP-binding cassette transporter ABCG2: critical role of arginine-482 in methotrexate transport. Biochemical Journal, 2003, 373, 767-774.	3.7	120
6	Periostin is an extracellular matrix protein required for eruption of incisors in mice. Biochemical and Biophysical Research Communications, 2006, 342, 766-772.	2.1	117
7	Periostin Is Expressed in Pericryptal Fibroblasts and Cancer-associated Fibroblasts in the Colon. Journal of Histochemistry and Cytochemistry, 2008, 56, 753-764.	2.5	113
8	Na, K-ATPase α3 is a death target of Alzheimer patient amyloid-β assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4465-74.	7.1	112
9	Delayed Re-Epithelialization in Periostin-Deficient Mice during Cutaneous Wound Healing. PLoS ONE, 2011, 6, e18410.	2.5	111
10	Strain-promoted double-click reaction for chemical modification of azido-biomolecules. Organic and Biomolecular Chemistry, 2010, 8, 4051.	2.8	101
11	The Niche Component Periostin Is Produced by Cancer-Associated Fibroblasts, Supporting Growth of Gastric Cancer through ERK Activation. American Journal of Pathology, 2014, 184, 859-870.	3.8	100
12	Cell-Cell Interaction Mediated by Cadherin-11 Directly Regulates the Differentiation of Mesenchymal Cells Into the Cells of the Osteo-Lineage and the Chondro-Lineage. Journal of Bone and Mineral Research, 2004, 19, 1840-1849.	2.8	97
13	Periostin, a novel marker of intramembranous ossification, is expressed in fibrous dysplasia and in c-Fos–overexpressing bone lesions. Human Pathology, 2009, 40, 226-237.	2.0	89
14	Immunohistochemical localization of periostin in tooth and its surrounding tissues in mouse mandibles during development. The Anatomical Record, 2004, 281A, 1264-1275.	1.8	82
15	Targeted Disruption of Cadherin-11 Leads to a Reduction in Bone Density in Calvaria and Long Bone Metaphyses. Journal of Bone and Mineral Research, 2001, 16, 1265-1271.	2.8	80
16	The Transition of Cadherin Expression in Osteoblast Differentiation from Mesenchymal Cells: Consistent Expression of Cadherin-11 in Osteoblast Lineage. Journal of Bone and Mineral Research, 2001, 16, 260-269.	2.8	78
17	Periostin function in communication with extracellular matrices. Journal of Cell Communication and Signaling, 2018, 12, 301-308.	3.4	74
18	Inactivation of Rho/ROCK Signaling Is Crucial for the Nuclear Accumulation of FKHR and Myoblast Fusion. Journal of Biological Chemistry, 2004, 279, 47311-47319.	3.4	70

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19	GFP transgenic mice reveal active canonical Wnt signal in neonatal brain and in adult liver and spleen. Genesis, 2007, 45, 90-100.	1.6	67
20	Selective inhibition of the kinase DYRK1A by targeting its folding process. Nature Communications, 2016, 7, 11391.	12.8	66
21	Prenatal neurogenesis induction therapy normalizes brain structure and function in Down syndrome mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10268-10273.	7.1	66
22	CDK9 inhibitor FIT-039 prevents replication of multiple DNA viruses. Journal of Clinical Investigation, 2014, 124, 3479-3488.	8.2	63
23	Periostin Associates with Notch1 Precursor to Maintain Notch1 Expression under a Stress Condition in Mouse Cells. PLoS ONE, 2010, 5, e12234.	2.5	59
24	Development of an orally available inhibitor of CLK1 for skipping a mutated dystrophin exon in Duchenne muscular dystrophy. Scientific Reports, 2017, 7, 46126.	3.3	46
25	Remodeling of Actin Cytoskeleton in Mouse Periosteal Cells under Mechanical Loading Induces Periosteal Cell Proliferation during Bone Formation. PLoS ONE, 2011, 6, e24847.	2.5	46
26	Periostin and its interacting proteins in the construction of extracellular architectures. Cellular and Molecular Life Sciences, 2017, 74, 4269-4277.	5.4	45
27	Direct reprogramming of fibroblasts into skeletal muscle progenitor cells by transcription factors enriched in undifferentiated subpopulation of satellite cells. Scientific Reports, 2017, 7, 8097.	3.3	43
28	Identification of a Dual Inhibitor of SRPK1 and CK2 That Attenuates Pathological Angiogenesis of Macular Degeneration in Mice. Molecular Pharmacology, 2015, 88, 316-325.	2.3	39
29	Staudinger reaction using 2,6-dichlorophenyl azide derivatives for robust aza-ylide formation applicable to bioconjugation in living cells. Chemical Communications, 2018, 54, 7904-7907.	4.1	37
30	Identification of a DYRK1A Inhibitor that Induces Degradation of the Target Kinase using Co-chaperone CDC37 fused with Luciferase nanoKAZ. Scientific Reports, 2015, 5, 12728.	3.3	31
31	Periostin promotes secretion of fibronectin from the endoplasmic reticulum. Biochemical and Biophysical Research Communications, 2016, 470, 888-893.	2.1	30
32	Screening of novel drugs for inhibiting hepatitis E virus replication. Journal of Virological Methods, 2019, 270, 1-11.	2.1	30
33	Design and synthesis of a potent inhibitor of class 1 DYRK kinases as a suppressor of adipogenesis. Bioorganic and Medicinal Chemistry, 2015, 23, 4434-4441.	3.0	26
34	DYRK1B mutations associated with metabolic syndrome impair the chaperone-dependent maturation of the kinase domain. Scientific Reports, 2017, 7, 6420.	3.3	26
35	Periostin Functions as a Scaffold for Assembly of Extracellular Proteins. Advances in Experimental Medicine and Biology, 2019, 1132, 23-32.	1.6	26
36	Convergent synthesis of trifunctional molecules by three sequential azido-type-selective cycloadditions. Chemical Communications, 2018, 54, 3705-3708.	4.1	25

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37	Stable knockdown of S100A4 suppresses cell migration and metastasis of osteosarcoma. Tumor Biology, 2011, 32, 611-622.	1.8	20
38	Periostin is required for matricellular localization of CCN3 in periodontal ligament of mice. Journal of Cell Communication and Signaling, 2017, 11, 5-13.	3.4	19
39	Druggable Transient Pockets in Protein Kinases. Molecules, 2021, 26, 651.	3.8	18
40	Alleviation of Behavioral Hypersensitivity in Mouse Models of Inflammatory Pain with Two Structurally Different Casein Kinase 1 (CK1) Inhibitors. Molecular Pain, 2014, 10, 1744-8069-10-17.	2.1	17
41	A facile preparation of functional cycloalkynes <i>via</i> an azide-to-cycloalkyne switching approach. Chemical Communications, 2019, 55, 3556-3559.	4.1	16
42	Three-Dimensional Localization of an Individual Fluorescent Molecule with Angstrom Precision. Journal of the American Chemical Society, 2017, 139, 8990-8994.	13.7	15
43	Indolizines Enabling Rapid Uncaging of Alcohols and Carboxylic Acids by Red Light-Induced Photooxidation. Organic Letters, 2020, 22, 5434-5438.	4.6	15
44	HaloTag-based conjugation of proteins to barcoding-oligonucleotides. Nucleic Acids Research, 2020, 48, e8-e8.	14.5	14
45	Practical Application of Periostin as a Biomarker for Pathological Conditions. Advances in Experimental Medicine and Biology, 2019, 1132, 195-204.	1.6	13
46	Alzheimer Aβ Assemblies Accumulate in Excitatory Neurons upon Proteasome Inhibition and Kill Nearby NAKα3 Neurons by Secretion. IScience, 2019, 13, 452-477.	4.1	13
47	Expression, Purification and Characterization of Soluble Recombinant Periostin Protein Produced by Escherichia coli. Journal of Biochemistry, 2009, 146, 713-723.	1.7	11
48	Periostin Deficiency Causes Severe and Lethal Lung Injury in Mice With Bleomycin Administration. Journal of Histochemistry and Cytochemistry, 2016, 64, 441-453.	2.5	9
49	Assembly of four modules onto a tetraazide platform by consecutive 1,2,3-triazole formations. Chemical Communications, 2021, 57, 899-902.	4.1	9
50	The Capsid (ORF2) Protein of Hepatitis E Virus in Feces Is C-Terminally Truncated. Pathogens, 2022, 11, 24.	2.8	8
51	Structure-activity relationship for the folding intermediate-selective inhibition of DYRK1A. European Journal of Medicinal Chemistry, 2022, 227, 113948.	5.5	6
52	Downregulation of neuropilin-1 on macrophages modulates antibody-mediated tumoricidal activity. Cancer Immunology, Immunotherapy, 2017, 66, 1131-1142.	4.2	5
53	Identification of synthetic inhibitors for the DNA binding of intrinsically disordered circadian clock transcription factors. Chemical Communications, 2020, 56, 11203-11206.	4.1	5
54	Periostin is essential for cardiac healing after acute myocardial infarction. Journal of Cell Biology, 2008, 180, i7-i7.	5.2	4

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55	Quantification of receptor activation by oxytocin and vasopressin in endocytosis-coupled bioluminescence reduction assay using nanoKAZ. Analytical Biochemistry, 2018, 549, 174-183.	2.4	3
56	S1PR3–G12-biased agonist ALESIA targets cancer metabolism and promotes glucose starvation. Cell Chemical Biology, 2021, 28, 1132-1144.e9.	5.2	3
57	Novel Methods for Efficient Conjugation of Two Azide Molecules. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 453-461.	0.1	1
58	Expression and purification of DYRK1A kinase domain in complex with its folding intermediate-selective inhibitor FINDY. Protein Expression and Purification, 2022, 195-196, 106089.	1.3	1