

Daniel K Nomura

List of Publications by Citations

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145 papers	10,156 citations	54 h-index	98 g-index
155 ext. papers	13,056 ext. citations	12.5 avg, IF	6.37 L-index

#	Paper	IF	Citations
145	Monoacylglycerol lipase regulates a fatty acid network that promotes cancer pathogenesis. <i>Cell</i> , 2010 , 140, 49-61	56.2	697
144	The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. <i>Nature</i> , 2019 , 575, 688-692	50.4	673
143	Endocannabinoid hydrolysis generates brain prostaglandins that promote neuroinflammation. <i>Science</i> , 2011 , 334, 809-13	33.3	490
142	Chronic monoacylglycerol lipase blockade causes functional antagonism of the endocannabinoid system. <i>Nature Neuroscience</i> , 2010 , 13, 1113-9	25.5	454
141	Dual blockade of FAAH and MAGL identifies behavioral processes regulated by endocannabinoid crosstalk in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20270-5	11.5	293
140	Inhibition of fatty acid oxidation as a therapy for MYC-overexpressing triple-negative breast cancer. <i>Nature Medicine</i> , 2016 , 22, 427-32	50.5	258
139	Activity-based protein profiling for biochemical pathway discovery in cancer. <i>Nature Reviews Cancer</i> , 2010 , 10, 630-8	31.3	251
138	Lysosomal cholesterol activates mTORC1 via an SLC38A9-Niemann-Pick C1 signaling complex. <i>Science</i> , 2017 , 355, 1306-1311	33.3	242
137	DGAT1-Dependent Lipid Droplet Biogenesis Protects Mitochondrial Function during Starvation-Induced Autophagy. <i>Developmental Cell</i> , 2017 , 42, 9-21.e5	10.2	225
136	Characterization of monoacylglycerol lipase inhibition reveals differences in central and peripheral endocannabinoid metabolism. <i>Chemistry and Biology</i> , 2009 , 16, 744-53		216
135	Exogenous Monounsaturated Fatty Acids Promote a Ferroptosis-Resistant Cell State. <i>Cell Chemical Biology</i> , 2019 , 26, 420-432.e9	8.2	202
134	Monoacylglycerol lipase exerts dual control over endocannabinoid and fatty acid pathways to support prostate cancer. <i>Chemistry and Biology</i> , 2011 , 18, 846-56		190
133	Mechanistic and pharmacological characterization of PF-04457845: a highly potent and selective fatty acid amide hydrolase inhibitor that reduces inflammatory and noninflammatory pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 338, 114-24	4.7	181
132	Mitochondrial DNA Replication Defects Disturb Cellular dNTP Pools and Remodel One-Carbon Metabolism. <i>Cell Metabolism</i> , 2016 , 23, 635-48	24.6	160
131	Harnessing the anti-cancer natural product nimbolide for targeted protein degradation. <i>Nature Chemical Biology</i> , 2019 , 15, 747-755	11.7	152
130	A Proximity Labeling Strategy Provides Insights into the Composition and Dynamics of Lipid Droplet Proteomes. <i>Developmental Cell</i> , 2018 , 44, 97-112.e7	10.2	143
129	A dysregulated endocannabinoid-eicosanoid network supports pathogenesis in a mouse model of Alzheimer's disease. <i>Cell Reports</i> , 2012 , 1, 617-23	10.6	143

128	The Secreted Enzyme PM20D1 Regulates Lipidated Amino Acid Uncouplers of Mitochondria. <i>Cell</i> , 2016 , 166, 424-435	56.2	140
127	Therapeutic potential of monoacylglycerol lipase inhibitors. <i>Life Sciences</i> , 2013 , 92, 492-7	6.8	137
126	Effective breast cancer combination therapy targeting BACH1 and mitochondrial metabolism. <i>Nature</i> , 2019 , 568, 254-258	50.4	131
125	Ether lipid generating enzyme AGPS alters the balance of structural and signaling lipids to fuel cancer pathogenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 14912-7	11.5	130
124	Lipid Biosynthesis Coordinates a Mitochondrial-to-Cytosolic Stress Response. <i>Cell</i> , 2016 , 166, 1539-1552.e16	36.1	120
123	Suppressing fatty acid uptake has therapeutic effects in preclinical models of prostate cancer. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	116
122	HIF-1 α is an Essential Mediator of IFN- γ -Dependent Immunity to Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2016 , 197, 1287-97	5.3	116
121	Covalent Ligand Screening Uncovers a RNF4 E3 Ligase Recruiter for Targeted Protein Degradation Applications. <i>ACS Chemical Biology</i> , 2019 , 14, 2430-2440	4.9	114
120	Activation of the endocannabinoid system by organophosphorus nerve agents. <i>Nature Chemical Biology</i> , 2008 , 4, 373-8	11.7	102
119	Monoacylglycerol lipase controls endocannabinoid and eicosanoid signaling and hepatic injury in mice. <i>Gastroenterology</i> , 2013 , 144, 808-817.e15	13.3	101
118	ER-lysosome contacts enable cholesterol sensing by mTORC1 and drive aberrant growth signalling in Niemann-Pick type C. <i>Nature Cell Biology</i> , 2019 , 21, 1206-1218	23.4	92
117	Integrated phenotypic and activity-based profiling links Ces3 to obesity and diabetes. <i>Nature Chemical Biology</i> , 2014 , 10, 113-21	11.7	92
116	Mechanisms linking obesity and cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1499-508	5	91
115	Global profiling strategies for mapping dysregulated metabolic pathways in cancer. <i>Cell Metabolism</i> , 2012 , 16, 565-77	24.6	91
114	Cancer cells incorporate and remodel exogenous palmitate into structural and oncogenic signaling lipids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 1566-72	5	90
113	GSTP1 Is a Driver of Triple-Negative Breast Cancer Cell Metabolism and Pathogenicity. <i>Cell Chemical Biology</i> , 2016 , 23, 567-578	8.2	90
112	Cancer Metabolism: Current Understanding and Therapies. <i>Chemical Reviews</i> , 2018 , 118, 6893-6923	68.1	89
111	Blockade of endocannabinoid hydrolytic enzymes attenuates precipitated opioid withdrawal symptoms in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 173-85	4.7	83

110	Academic cross-fertilization by public screening yields a remarkable class of protein phosphatase methyltransferase-1 inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6811-6	11.5	83
109	Enzyme promiscuity drives branched-chain fatty acid synthesis in adipose tissues. <i>Nature Chemical Biology</i> , 2018 , 14, 1021-1031	11.7	81
108	Inhibition of monoacylglycerol lipase attenuates nonsteroidal anti-inflammatory drug-induced gastric hemorrhages in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 338, 795-802	11.7	76
107	Activity-based protein profiling of organophosphorus and thiocarbamate pesticides reveals multiple serine hydrolase targets in mouse brain. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2808-15	5.7	71
106	A potent and selective inhibitor of KIAA1363/AADACL1 that impairs prostate cancer pathogenesis. <i>Chemistry and Biology</i> , 2011 , 18, 476-84		69
105	Mutant GNAS drives pancreatic tumorigenesis by inducing PKA-mediated SIK suppression and reprogramming lipid metabolism. <i>Nature Cell Biology</i> , 2018 , 20, 811-822	23.4	69
104	The UPR Activator ATF6 Responds to Proteotoxic and Lipotoxic Stress by Distinct Mechanisms. <i>Developmental Cell</i> , 2018 , 46, 327-343.e7	10.2	67
103	Monoacylglycerol lipase regulates 2-arachidonoylglycerol action and arachidonic acid levels. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5875-8	2.9	67
102	NHS-Esters As Versatile Reactivity-Based Probes for Mapping Proteome-Wide Ligandable Hotspots. <i>ACS Chemical Biology</i> , 2017 , 12, 1478-1483	4.9	65
101	Employing a combinatorial expression approach to characterize xylose utilization in <i>Saccharomyces cerevisiae</i> . <i>Metabolic Engineering</i> , 2014 , 25, 20-9	9.7	65
100	Covalent targeting of the vacuolar H-ATPase activates autophagy via mTORC1 inhibition. <i>Nature Chemical Biology</i> , 2019 , 15, 776-785	11.7	63
99	Activity-based protein profiling for mapping and pharmacologically interrogating proteome-wide ligandable hotspots. <i>Current Opinion in Biotechnology</i> , 2017 , 43, 25-33	11.4	63
98	Chemical approaches to therapeutically target the metabolism and signaling of the endocannabinoid 2-AG and eicosanoids. <i>Chemical Society Reviews</i> , 2014 , 43, 6859-69	58.5	61
97	Covalent Ligand Discovery against Druggable Hotspots Targeted by Anti-cancer Natural Products. <i>Cell Chemical Biology</i> , 2017 , 24, 1368-1376.e4	8.2	61
96	Human Carboxylesterase 2 Reverses Obesity-Induced Diacylglycerol Accumulation and Glucose Intolerance. <i>Cell Reports</i> , 2017 , 18, 636-646	10.6	60
95	Cutting edge: IL-13R α expression in dopaminergic neurons contributes to their oxidative stress-mediated loss following chronic peripheral treatment with lipopolysaccharide. <i>Journal of Immunology</i> , 2012 , 189, 5498-502	5.3	58
94	Chemoproteomic Screening of Covalent Ligands Reveals UBA5 As a Novel Pancreatic Cancer Target. <i>ACS Chemical Biology</i> , 2017 , 12, 899-904	4.9	56
93	Unexpected transformation of dissolved phenols to toxic dicarbonyls by hydroxyl radicals and UV light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2311-2316	11.5	56

92	Organophosphorus flame retardants inhibit specific liver carboxylesterases and cause serum hypertriglyceridemia. <i>ACS Chemical Biology</i> , 2014 , 9, 1097-103	4.9	54
91	Overactive endocannabinoid signaling impairs apolipoprotein E-mediated clearance of triglyceride-rich lipoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14561-6	11.5	54
90	Chemoproteomics-enabled covalent ligand screen reveals a cysteine hotspot in reticulon 4 that impairs ER morphology and cancer pathogenicity. <i>Chemical Communications</i> , 2017 , 53, 7234-7237	5.8	52
89	Mapping Proteome-wide Targets of Glyphosate in Mice. <i>Cell Chemical Biology</i> , 2017 , 24, 133-140	8.2	49
88	Selective inhibitors of fatty acid amide hydrolase relative to neuropathy target esterase and acetylcholinesterase: toxicological implications. <i>Toxicology and Applied Pharmacology</i> , 2002 , 179, 57-63	4.6	49
87	Ski regulates Hippo and TAZ signaling to suppress breast cancer progression. <i>Science Signaling</i> , 2015 , 8, ra14	8.8	48
86	A brain detoxifying enzyme for organophosphorus nerve poisons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 6195-200	11.5	48
85	Discovery of Inhibitors for the Ether Lipid-Generating Enzyme AGPS as Anti-Cancer Agents. <i>ACS Chemical Biology</i> , 2015 , 10, 2589-97	4.9	45
84	Diacylglycerol Metabolism and Signaling Is a Driving Force Underlying FASN Inhibitor Sensitivity in Cancer Cells. <i>ACS Chemical Biology</i> , 2015 , 10, 1616-23	4.9	44
83	Cannabinoid CB1 receptor as a target for chlorpyrifos oxon and other organophosphorus pesticides. <i>Toxicology Letters</i> , 2002 , 135, 89-93	4.4	44
82	Metabolic reprogramming ensures cancer cell survival despite oncogenic signaling blockade. <i>Genes and Development</i> , 2017 , 31, 2067-2084	12.6	43
81	Each lipase has a unique sensitivity profile for organophosphorus inhibitors. <i>Toxicological Sciences</i> , 2006 , 91, 166-72	4.4	43
80	Monoacylglycerol lipase inhibitor JZL184 improves behavior and neural properties in Ts65Dn mice, a model of down syndrome. <i>PLoS ONE</i> , 2014 , 9, e114521	3.7	41
79	MYC-driven inhibition of the glutamate-cysteine ligase promotes glutathione depletion in liver cancer. <i>EMBO Reports</i> , 2017 , 18, 569-585	6.5	40
78	The ER membrane protein complex promotes biogenesis of sterol-related enzymes maintaining cholesterol homeostasis. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	39
77	The Ubiquitin Binding Protein TAX1BP1 Mediates Autophagosome Induction and the Metabolic Transition of Activated T Cells. <i>Immunity</i> , 2017 , 46, 405-420	32.3	38
76	Bardoxolone conjugation enables targeted protein degradation of BRD4. <i>Scientific Reports</i> , 2020 , 10, 15543	4.9	38
75	Parthenolide Covalently Targets and Inhibits Focal Adhesion Kinase in Breast Cancer Cells. <i>Cell Chemical Biology</i> , 2019 , 26, 1027-1035.e22	8.2	36

74	Mapping Proteome-Wide Targets of Environmental Chemicals Using Reactivity-Based Chemoproteomic Platforms. <i>Chemistry and Biology</i> , 2015 , 22, 1394-405		36
73	Paternal chromosome loss and metabolic crisis contribute to hybrid inviability in <i>Xenopus</i> . <i>Nature</i> , 2018 , 553, 337-341	50.4	35
72	Metabolic profiling reveals PAFAH1B3 as a critical driver of breast cancer pathogenicity. <i>Chemistry and Biology</i> , 2014 , 21, 831-40		35
71	A Nimbolide-Based Kinase Degradar Preferentially Degrades Oncogenic BCR-ABL. <i>ACS Chemical Biology</i> , 2020 , 15, 1788-1794	4.9	34
70	Manumycin polyketides act as molecular glues between UBR7 and P53. <i>Nature Chemical Biology</i> , 2020 , 16, 1189-1198	11.7	34
69	Novel K-Ras G12C Switch-II Covalent Binders Destabilize Ras and Accelerate Nucleotide Exchange. <i>Journal of Chemical Information and Modeling</i> , 2018 , 58, 464-471	6.1	34
68	Positive and Negative Regulation of the Master Metabolic Regulator mTORC1 by Two Families of <i>Legionella pneumophila</i> Effectors. <i>Cell Reports</i> , 2017 , 21, 2031-2038	10.6	34
67	Organophosphate-sensitive lipases modulate brain lysophospholipids, ether lipids and endocannabinoids. <i>Chemico-Biological Interactions</i> , 2008 , 175, 355-64	5	33
66	Selective inhibitor of platelet-activating factor acetylhydrolases 1b2 and 1b3 that impairs cancer cell survival. <i>ACS Chemical Biology</i> , 2015 , 10, 925-32	4.9	32
65	Design, synthesis, and biological evaluation of a biyouyanagin compound library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6715-20	11.5	32
64	A Cellular Mechanism to Detect and Alleviate Reductive Stress. <i>Cell</i> , 2020 , 183, 46-61.e21	56.2	32
63	The glycerophospho metabolome and its influence on amino acid homeostasis revealed by brain metabolomics of GDE1(-/-) mice. <i>Chemistry and Biology</i> , 2010 , 17, 831-40		31
62	Discovery of a Functional Covalent Ligand Targeting an Intrinsically Disordered Cysteine within MYC. <i>Cell Chemical Biology</i> , 2021 , 28, 4-13.e17	8.2	30
61	Acyl-CoA synthetase 6 enriches the neuroprotective omega-3 fatty acid DHA in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12525-12530	11.5	29
60	Chemoproteomics-Enabled Covalent Ligand Screening Reveals ALDH3A1 as a Lung Cancer Therapy Target. <i>ACS Chemical Biology</i> , 2018 , 13, 1970-1977	4.9	28
59	Inositol phosphate recycling regulates glycolytic and lipid metabolism that drives cancer aggressiveness. <i>ACS Chemical Biology</i> , 2014 , 9, 1340-50	4.9	28
58	Serine hydrolase KIAA1363: toxicological and structural features with emphasis on organophosphate interactions. <i>Chemical Research in Toxicology</i> , 2006 , 19, 1142-50	4	28
57	Chemoproteomics-enabled discovery of covalent RNF114-based degraders that mimic natural product function. <i>Cell Chemical Biology</i> , 2021 , 28, 559-566.e15	8.2	28

56	Mapping proteome-wide interactions of reactive chemicals using chemoproteomic platforms. <i>Current Opinion in Chemical Biology</i> , 2016 , 30, 68-76	9.7	28
55	Activity-Based Protein Profiling of Oncogene-Driven Changes in Metabolism Reveals Broad Dysregulation of PAFAH1B2 and 1B3 in Cancer. <i>ACS Chemical Biology</i> , 2015 , 10, 1624-30	4.9	27
54	Lipases and their inhibitors in health and disease. <i>Chemico-Biological Interactions</i> , 2016 , 259, 211-222	5	26
53	Ablation of PM20D1 reveals -acyl amino acid control of metabolism and nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6937-E6945	11.5	26
52	Activity-based proteomic and metabolomic approaches for understanding metabolism. <i>Current Opinion in Biotechnology</i> , 2014 , 28, 116-26	11.4	25
51	Multidimensional profiling platforms reveal metabolic dysregulation caused by organophosphorus pesticides. <i>ACS Chemical Biology</i> , 2014 , 9, 423-32	4.9	24
50	The glucocorticoid-Angptl4-ceramide axis induces insulin resistance through PP2A and PKC δ <i>Science Signaling</i> , 2017 , 10,	8.8	24
49	Chemoproteomics-Enabled Covalent Ligand Screening Reveals a Thioredoxin-Caspase 3 Interaction Disruptor That Impairs Breast Cancer Pathogenicity. <i>ACS Chemical Biology</i> , 2017 , 12, 2522-2528	4.9	23
48	Protein Sialylation Regulates a Gene Expression Signature that Promotes Breast Cancer Cell Pathogenicity. <i>ACS Chemical Biology</i> , 2016 , 11, 2131-9	4.9	23
47	Unbiased Proteomic Profiling Uncovers a Targetable GNAS/PKA/PP2A Axis in Small Cell Lung Cancer Stem Cells. <i>Cancer Cell</i> , 2020 , 38, 129-143.e7	24.3	22
46	Dual roles of brain serine hydrolase KIAA1363 in ether lipid metabolism and organophosphate detoxification. <i>Toxicology and Applied Pharmacology</i> , 2008 , 228, 42-8	4.6	22
45	Comparative metabolic profiling of mce1 operon mutant vs wild-type Mycobacterium tuberculosis strains. <i>Pathogens and Disease</i> , 2015 , 73, ftv066	4.2	21
44	Deletion of Adipose Triglyceride Lipase Links Triacylglycerol Accumulation to a More-Aggressive Phenotype in A549 Lung Carcinoma Cells. <i>Journal of Proteome Research</i> , 2018 , 17, 1415-1425	5.6	20
43	Biosynthesis and Regulation of Sulfomenaquinone, a Metabolite Associated with Virulence in Mycobacterium tuberculosis. <i>ACS Infectious Diseases</i> , 2016 , 2, 800-806	5.5	18
42	Target Identification of Bioactive Covalently Acting Natural Products. <i>Current Topics in Microbiology and Immunology</i> , 2019 , 420, 351-374	3.3	18
41	Lipid disequilibrium disrupts ER proteostasis by impairing ERAD substrate glycan trimming and dislocation. <i>Molecular Biology of the Cell</i> , 2017 , 28, 270-284	3.5	18
40	Deubiquitinase-targeting chimeras for targeted protein stabilization.. <i>Nature Chemical Biology</i> , 2022 ,	11.7	18
39	Chemoproteomic Profiling of Acetanilide Herbicides Reveals Their Role in Inhibiting Fatty Acid Oxidation. <i>ACS Chemical Biology</i> , 2017 , 12, 635-642	4.9	17

38	Argininosuccinate Synthase 1 is a Metabolic Regulator of Colorectal Cancer Pathogenicity. <i>ACS Chemical Biology</i> , 2017 , 12, 905-911	4.9	17
37	Exploring metabolic pathways and regulation through functional chemoproteomic and metabolomic platforms. <i>Chemistry and Biology</i> , 2014 , 21, 1171-84		16
36	Bypassing the Pentose Phosphate Pathway: Towards Modular Utilization of Xylose. <i>PLoS ONE</i> , 2016 , 11, e0158111	3.7	15
35	Metabolomic Markers of Phthalate Exposure in Plasma and Urine of Pregnant Women. <i>Frontiers in Public Health</i> , 2018 , 6, 298	6	15
34	Discovery of a Covalent FEM1B Recruiter for Targeted Protein Degradation Applications.. <i>Journal of the American Chemical Society</i> , 2022 , 144, 701-708	16.4	14
33	Reimagining Druggability Using Chemoproteomic Platforms. <i>Accounts of Chemical Research</i> , 2021 , 54, 1801-1813	24.3	14
32	Mapping Novel Metabolic Nodes Targeted by Anti-Cancer Drugs that Impair Triple-Negative Breast Cancer Pathogenicity. <i>ACS Chemical Biology</i> , 2017 , 12, 1133-1140	4.9	13
31	Chemical approaches to study metabolic networks. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 427-40	4.6	13
30	Oncogene-regulated release of extracellular vesicles. <i>Developmental Cell</i> , 2021 , 56, 1989-2006.e6	10.2	13
29	Discovery of Hydrolysis-Resistant Isoindoline N-Acyl Amino Acid Analogues that Stimulate Mitochondrial Respiration. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3224-3230	8.3	12
28	Mitohormesis reprogrammes macrophage metabolism to enforce tolerance. <i>Nature Metabolism</i> , 2021 , 3, 618-635	14.6	12
27	Adhesion-mediated mechanosignaling forces mitohormesis. <i>Cell Metabolism</i> , 2021 , 33, 1322-1341.e13	24.6	12
26	Monoacylglycerol Lipase Regulates Fever Response. <i>PLoS ONE</i> , 2015 , 10, e0134437	3.7	11
25	The regulation of glucose and lipid homeostasis via PLTP as a mediator of BAT-liver communication. <i>EMBO Reports</i> , 2020 , 21, e49828	6.5	9
24	Chemical genetics screening reveals KIAA1363 as a cytokine-lowering target. <i>ACS Chemical Biology</i> , 2014 , 9, 2905-13	4.9	8
23	Screening a Library of FDA-Approved and Bioactive Compounds for Antiviral Activity against SARS-CoV-2. <i>ACS Infectious Diseases</i> , 2021 , 7, 2337-2351	5.5	8
22	Metabolomic strategies to map functions of metabolic pathways. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E237-44	6	7
21	Regulation of Hepatic Lipid Accumulation and Distribution by Agouti-Related Protein in Male Mice. <i>Endocrinology</i> , 2018 , 159, 2408-2420	4.8	6

20	Deubiquitinase-Targeting Chimeras for Targeted Protein Stabilization		5
19	Discovery of a Covalent FEM1B Recruiter for Targeted Protein Degradation Applications		5
18	Photo-Brook rearrangement of acyl silanes as a strategy for photoaffinity probe design.. <i>Chemical Science</i> , 2022 , 13, 3851-3856	9.4	5
17	Harnessing the Anti-Cancer Natural Product Nimbolide for Targeted Protein Degradation		4
16	CYP27A1-dependent anti-melanoma activity of limonoid natural products targets mitochondrial metabolism. <i>Cell Chemical Biology</i> , 2021 , 28, 1407-1419.e6	8.2	4
15	A Metabolic Dependency for Host Isoprenoids in the Obligate Intracellular Pathogen <i>Rickettsia parkeri</i> Underlies a Sensitivity to the Statin Class of Host-Targeted Therapeutics. <i>MSphere</i> , 2019 , 4,	5	4
14	Ligandability of E3 Ligases for Targeted Protein Degradation Applications. <i>Biochemistry</i> , 2021 ,	3.2	4
13	Adhesion-mediated mechanosignaling forces mitohormesis		3
12	Chemoproteomics-Enabled Ligand Screening Yields Covalent RNF114-Based Degraders that Mimic Natural Product Function		3
11	Screening a library of FDA-approved and bioactive compounds for antiviral activity against SARS-CoV-2		3
10	Lipidome-based Targeting of STAT3-driven Breast Cancer Cells Using Poly-l-glutamic Acid-coated Layer-by-Layer Nanoparticles. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 726-738	6.1	3
9	Targeted Protein Degradation via a Covalent Reversible Degradar Based on Bardoxolone		2
8	Manumycin Polyketides Act as Molecular Glues Between UBR7 and P53 to Impair Breast Cancer Pathogenicity		2
7	Chemical investigations into the biosynthesis of the gymnastatin and dankastatin alkaloids. <i>Chemical Science</i> , 2021 , 12, 8884-8891	9.4	2
6	De novo Design of SARS-CoV-2 Main Protease Inhibitors.. <i>Synlett</i> , 2021 , 33, 458-463	2.2	2
5	Mitohormesis reprograms macrophage metabolism to enforce tolerance		1
4	Covalent Ligand Screening Uncovers a RNF4 E3 Ligase Recruiter for Targeted Protein Degradation Applications		1
3	A metabolic dependency for host isoprenoids in the obligate intracellular pathogen <i>Rickettsia parkeri</i> underlies a sensitivity for the statin class of host-targeted therapeutics		1

- 2 Virtual Issue on the Work of John Casida. *Chemical Research in Toxicology*, **2018**, 31, 637-638 4 1
- 1 Neuronal modulation of hepatic lipid accumulation induced by binge-like drinking. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E655-E666 6 0