

**Publications in the Primary Literature with Biochemistry Majors
as Co-Authors by Graduation Year**

(from the students' junior year through graduation plus two years)

Student authors in bold, retrieved from ISI Web of Science and Pubmed

Year of Graduation	Total Number of Authorships
2016	21
2015	32
2014	12
2013	13
2012	20
2011	27
2010	17
2009	24
2008	7
2007	15
2006	15
2005	15
2004	24
2003	18
2002	11
2001	17
2000	8
1999	10
1998	17
1997	15
1996	6
1995	3
Total	334

2016 [Publications 2013-2017(Dec)] Total: 21

Authors: Patel NR, Kelly CB, **Siegenfeld AP**, Molander GA

Title: Mild, Redox-Neutral Alkylation of Imines Enabled by an Organic Photocatalyst

Source: ACS Catalysis. 2017, Mar;7 (3):1766-1770

Authors: Woll KA, **Peng W**, Liang Q, Zhi L, Jacobs JA, Maciunas L, Bhanu N, Garcia BA, Covarrubias M, Loll PJ, Dailey WP, Eckenhoff RG

Title: Photoaffinity Ligand for the Inhalational Anesthetic Sevoflurane Allows Mechanistic Insight into Potassium Channel Modulation

Source: ACS Chem Biol. 2017 Apr 3

Authors: Fang J, Wang D, Zhao Q, Hong Y, Jin Y, Liu Z, Zhou K, Jing X, Yu X, Pan R, **Chang A**, Liu H, Zhu B

Title: Brain-Gut Axis Modulation of Acupuncture in Functional Dyspepsia: A Preliminary Resting-State fcMRI Study

Source: Evid Based Complement Alternat Med. 2015;2015:860463

Authors: Mallory MJ, Allon SJ, Qiu J, Gazzara MR, **Tapescu I**, Martinez NM, Fu XD, Lynch KW

Title: Induced transcription and stability of CELF2 mRNA drives widespread alternative splicing during T-cell signaling

Source: Proc Natl Acad Sci U S A. 2015 Apr 28;112(17):E2139-48

Authors: Cole BS, **Tapescu I**, Allon SJ, Mallory MJ, Qiu J, Lake RJ, Fan HY, Fu XD, Lynch KW

Title: Global analysis of physical and functional RNA targets of hnRNP L reveals distinct sequence and epigenetic features of repressed and enhanced exons

Source: RNA. 2015 Dec;21(12):2053-66

Authors: Yarosh CA, **Tapescu I**, Thompson MG, Qiu J, Mallory MJ, Fu XD, Lynch KW

Title: TRAP150 interacts with the RNA-binding domain of PSF and antagonizes splicing of numerous PSF-target genes in T cells

Source: Nucleic Acids Res. 2015 Oct 15;43(18):9006-16

Authors: Shan X, Roberts C, Kim EJ, **Brenner A**, Grant G, Percec I

Title: Transcriptional and Cell Cycle Alterations Mark Aging of Primary Human Adipose-Derived Stem Cells

Source: Stem Cells. 2017 May;35(5):1392-1401

Authors: Covell DJ, Robinson JL, Akhtar RS, Grossman M, Weintraub D, **Bucklin HM**, Pitkin RM, Riddle D, Yousef A, Trojanowski JQ, Lee VM

Title: Novel conformation-selective alpha-synuclein antibodies raised against different in vitro fibril forms show distinct patterns of Lewy pathology in Parkinson's disease

Source: Neuropathol Appl Neurobiol. 2017 Apr 7

Authors: Tsai K, **Chan L**, Gibeault R, Conn K, Dheekollu J, Domsic J, Marmorstein R, Schang LM, Lieberman PM.

Title: Viral reprogramming of the Daxx histone H3.3 chaperone during early Epstein-Barr virus infection

Source: J Virol. 2014 Dec;88(24):14350-63

Authors: Spiller KJ, **Cheung CJ**, Restrepo CR, Kwong LK, Stieber AM, Trojanowski JQ, Lee VM.
Title: Selective Motor Neuron Resistance and Recovery in a New Inducible Mouse Model of TDP-43 Proteinopathy.
Source: J Neurosci. 2016 Jul 20;36(29):7707-17

Authors: Rodell CB, Lee ME, Wang H, Takebayashi S, Takayama T, Kawamura T, Arkles JS, **Dusaj NN**, Dorsey SM, Witschey WR, Pilla JJ, Gorman JH 3rd, Wenk JF, Burdick JA, Gorman RC.
Title: Injectable Shear-Thinning Hydrogels for Minimally Invasive Delivery to Infarcted Myocardium to Limit Left Ventricular Remodeling.
Source: Circ Cardiovasc Interv. 2016 Oct;9(10). pii: e004058.

Authors: Rodell CB, Highley CB, Chen MH, **Dusaj NN**, Wang C, Han L, Burdick JA.
Title: Evolution of hierarchical porous structures in supramolecular guest-host hydrogels.
Source: Soft Matter. 2016 Sep 20;12(37):7839-7847.

Authors: Rodell CB, **Dusaj NN**, Highley CB, Burdick JA.
Title: Injectable and Cytocompatible Tough Double-Network Hydrogels through Tandem Supramolecular and Covalent Crosslinking.
Source: Adv Mater. 2016 Oct;28(38):8419-8424

Authors: **Hammond MD**, Taylor RA, Mullen MT, Ai Y, Aguila HL, Mack M, Kasner SE, McCullough LD, Sansing LH.
Title: CCR2+ Ly6C(hi) inflammatory monocyte recruitment exacerbates acute disability following intracerebral hemorrhage.
Source: J Neurosci. 2014 Mar 12;34(11):3901-9.

Authors: Lin H, **Jacobi AA**, Anderson SA, Lynch DR.
Title: D-Serine and Serine Racemase Are Associated with PSD-95 and Glutamatergic Synapse Stability.
Source: Front Cell Neurosci. 2016 Feb 25;10:34.

Authors: Gantt SM, Decroos C, **Lee MS**, Gullett LE, Bowman CM, Christianson DW, Fierke CA.
Title: General Base-General Acid Catalysis in Human Histone Deacetylase 8.
Source: Biochemistry. 2016 Feb 9;55(5):820-32.

Authors: Lassalas P, Gay B, Lasfargeas C, James MJ, **Tran V**, Vijayendran KG, Brunden KR, Kozlowski MC, Thomas CJ, Smith AB 3rd, Huryn DM, Ballatore C.
Title: Structure Property Relationships of Carboxylic Acid Isosteres.
Source: J Med Chem. 2016 Apr 14;59(7):3183-203

Authors: Shaffer SM, Dunagin MC, **Torborg SR**, Torre EA, Emert B, Krepler C, Beqiri M, Sproesser K, Brafford PA, Xiao M, Eggan E, Anastopoulos IN, Vargas-Garcia CA, Singh A, Nathanson KL, Herlyn M, Raj A.
Title: Rare cell variability and drug-induced reprogramming as a mode of cancer drug resistance.
Source: Nature. 2017 Jun 15;546(7658):431-435

Authors: Gupta K, Sharp R, **Yuan JB**, Li H, Van Duyne GD.
Title: Coiled-coil interactions mediate serine integrase directionality.
Source: Nucleic Acids Res. 2017 Jul 7;45(12):7339-7353

Authors: Woll KA, **Peng W**, Liang Q, Zhi L, Jacobs JA, Maciunas L, Bhanu N, Garcia BA, Covarrubias M, Loll PJ, Dailey WP, Eckenhoff RG.

Title: Photoaffinity Ligand for the Inhalational Anesthetic Sevoflurane Allows Mechanistic Insight into Potassium Channel Modulation.

Source: ACS Chem Biol. 2017 May 19;12(5):1353-1362.

Authors: Shan XY, Roberts C, Kim EJ, **Brenner A**, Grant G, Percec I

Title: Transcriptional and Cell Cycle Alterations Mark Aging of Primary Human Adipose-Derived Stem Cells.

Source: Stem Cells, 35 (5):1392-1401

2015 [Publications 2013-2017(Dec)] Total: 32

Authors: Ji X, Park JW, Bahrami-Samani E, Lin L, **Duncan-Lewis C**, Pherribo G, Xing Y, Liebhaber SA.

Title: α CP binding to a cytosine-rich subset of polypyrimidine tracts drives a novel pathway of cassette exon splicing in the mammalian transcriptome.

Source: Nucleic Acids Res. 2016 Mar 18;44(5):2283-97

Authors: **Koyawala N**, Silber JH, Rosenbaum PR, Wang W, Hill AS, Reiter JG, Niknam BA, Even-Shoshan O, Bloom RD, Sawinski D, Nazarian S, Trofe-Clark J, Lim MA, Schold JD, Reese PP.

Title: Comparing Outcomes between Antibody Induction Therapies in Kidney Transplantation.

Source: J Am Soc Nephrol. 2017 Mar 20. pii: ASN.2016070768.

Authors: Molleston JM, Sabin LR, Moy RH, **Menghani SV**, Rausch K, Gordesky-Gold B, Hopkins KC, Zhou R, Jensen TH, Wilusz JE, Cherry S.

Title: A conserved virus-induced cytoplasmic TRAMP-like complex recruits the exosome to target viral RNA for degradation.

Source: Genes Dev. 2016 Jul 15;30(14):1658-70

Authors: Hopkins KC, Tartell MA, Herrmann C, Hackett BA, Taschuk F, Panda D, **Menghani SV**, Sabin LR, Cherry S.

Title: Virus-induced translational arrest through 4EBP1/2-dependent decay of 5'-TOP mRNAs restricts viral infection.

Source: Proc Natl Acad Sci U S A. 2015 Jun 2;112(22):E2920-9

Authors: Chen HS, Martin KA, Lu F, Lupey LN, **Mueller JM**, Lieberman PM, Tempera I.

Title: Epigenetic deregulation of the LMP1/LMP2 locus of Epstein-Barr virus by mutation of a single CTCF-cohesin binding site.

Source: J Virol. 2014 Feb;88(3):1703-13

Authors: Seither KM, McMahon HA, **Singh N**, Wang H, Cushman-Nick M, Montalvo GL, DeGrado WF, Shorter J.

Title: Specific aromatic foldamers potently inhibit spontaneous and seeded A β 42 and A β 43 fibril assembly.

Source: Biochem J. 2014 Nov 15;464(1):85-98.

Authors: Weiser BP, Hall MA, **Weinbren NL**, Woll KA, Dailey WP, Eckenhoff MF, Eckenhoff RG.

Title: Macroscopic and macromolecular specificity of alkylphenol anesthetics for neuronal substrates.

Source: Sci Rep. 2015 Apr 8;5:9695.

Authors: Witschey WR, **Zhang D**, Contijoch F, McGarvey JR, Lee M, Takebayashi S, Aoki C, Han Y, Han J, Barker AJ, Pilla JJ, Gorman RC, Gorman JH 3rd.

Title: The Influence of Mitral Annuloplasty on Left Ventricular Flow Dynamics.

Source: Ann Thorac Surg. 2015 Jul;100(1):114-21

Authors: Walker AK, Spiller KJ, Ge G, Zheng A, Xu Y, **Zhou M**, Tripathy K, Kwong LK, Trojanowski JQ, Lee VM.

Title: Functional recovery in new mouse models of ALS/FTLD after clearance of pathological cytoplasmic TDP-43.

Source: Acta Neuropathol. 2015 Nov;130(5):643-60.

Authors: Boreen MA, Bogart JA, Carroll PJ, Schelter EJ.

Title: Rearrangement in a tripodal nitroxide ligand to modulate the reactivity of a Ti-F bond.

Source: Inorg Chem. 2015 Oct 5;54(19):9588-93

Authors: Bogart JA, Lewis AJ, Boreen MA, Lee HB, Medling SA, Carroll PJ, Booth CH, Schelter EJ.

Title: A ligand field series for the 4f-block from experimental and DFT computed Ce(IV/III) electrochemical potentials.

Source: Inorg Chem. 2015 Mar 16;54(6):2830-7.

Authors: Copenhaver AM, Casson CN, Nguyen HT, Fung TC, Duda MM, Roy CR, Shin S.

Title: Alveolar macrophages and neutrophils are the primary reservoirs for Legionella pneumophila and mediate cytosolic surveillance of type IV secretion.

Source: Infect Immun. 2014 Oct;82(10):4325-36

Authors: Copenhaver AM, Casson CN, Nguyen HT, Duda MM, Shin S.

Title: IL-1R signaling enables bystander cells to overcome bacterial blockade of host protein synthesis.

Source: Proc Natl Acad Sci U S A. 2015 Jun 16;112(24):7557-62.

Authors: Balan A, Chien CC, Engelke R, Drndić M.

Title: Suspended Solid-state Membranes on Glass Chips with Sub 1-pF Capacitance for Biomolecule Sensing Applications.

Source: Sci Rep. 2015 Dec 8;5:17775

Authors: Zanjani MB, Engelke RE, Lukes JR, Meunier V, Drndić M.

Title: Up and down translocation events and electric double-layer formation inside solid-state nanopores.

Source: Phys Rev E Stat Nonlin Soft Matter Phys. 2015 Aug;92(2):022715.

Authors: Balan A, Machielse B, Niedzwiecki D, Lin J, Ong P, Engelke R, Shepard KL, Drndić M.

Title: Improving signal-to-noise performance for DNA translocation in solid-state nanopores at MHz bandwidths.

Source: Nano Lett. 2014 Dec 10;14(12):7215-20.

Authors: Sussman DM, Cho Y, Castle T, Gong X, Jung E, Yang S, Kamien RD.

Title: Algorithmic lattice kirigami: A route to pluripotent materials.

Source: Proc Natl Acad Sci U S A. 2015 Jun 16;112(24):7449-53.

Authors: Castle T, Cho Y, Gong X, Jung E, Sussman DM, Yang S, Kamien RD.

Title: Making the cut: lattice kirigami rules.

Source: Phys Rev Lett. 2014 Dec 12;113(24):245502.

Authors: Kalish JM, Jiang C, Bartolomei MS.

Title: Epigenetics and imprinting in human disease.

Source: Int J Dev Biol. 2014;58(2-4):291-8

Authors: Ginart P, Kalish JM, Jiang CL, Yu AC, Bartolomei MS, Raj A.

Title: Visualizing allele-specific expression in single cells reveals epigenetic mosaicism in an H19 loss-of-imprinting mutant.

Source: Genes Dev. 2016 Mar 1;30(5):567-78

Authors: Jishkariani D, Diroll BT, Cargnello M, **Klein DR**, Hough LA, Murray CB, Donnio B.
Title: Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices.

Source: J Am Chem Soc. 2015 Aug 26;137(33):10728-34

Authors: Stasi K, Goings D, Huang J, Herman L, Pinto F, Addis RC, **Klein D**, Massaro-Giordano G, Gearhart JD.

Title: Optimal isolation and xeno-free culture conditions for limbal stem cell function.

Source: Invest Ophthalmol Vis Sci. 2014 Jan 20;55(1):375-86.

Authors: Melillo B, Liang S, Park J, Schön A, Courter JR, LaLonde JM, **Wendler DJ**, Princiotta AM, Seaman MS, Freire E, Sodroski J, Madani N, Hendrickson WA, Smith AB 3rd.

Title: Small-Molecule CD4-Mimics: Structure-Based Optimization of HIV-1 Entry Inhibition.

Source: ACS Med Chem Lett. 2016 Jan 19;7(3):330-4.

Authors: Shedlock DJ, Tingey C, Mahadevan L, Hutnick N, Reuschel EL, Kudchodkar S, Flingai S, **Yan J**, Kim JJ, Ugen KE, Weiner DB, Muthumani K.

Title: Co-Administration of Molecular Adjuvants Expressing NF-Kappa B Subunit p65/RelA or Type-1 Transactivator T-bet Enhance Antigen Specific DNA Vaccine-Induced Immunity.

Source: Vaccines (Basel). 2014 Mar 25;2(2):196-215.

Authors: Cadena C, Stavrou S, Manzoni T, Iyer SS, Bibollet-Ruche F, **Zhang W**, Hahn BH, Browne EP, Ross SR.

Title: The effect of HIV-1 Vif polymorphisms on A3G anti-viral activity in an in vivo mouse model.

Source: Retrovirology. 2016 Jun 30;13(1):45

Authors: Rivera-Colon Y, **Maguire A**, Liszczak G, Olia A, Marmorstein R.

Title: Molecular Basis for Cohesin Acetylation by Establishment of Sister Chromatid Cohesion N-Acetyltransferase ESCO1.

Source: Journal of Biological Chemistry. 2016, Dec 16;291 (51):26468-26477.

Authors: Bogart JA, Cole BE, **Boreen MA**, Lippincott CA, Manor BC, Carroll PJ, Schelter EJ

Title: Accomplishing simple, solubility-based separations of rare earth elements with complexes bearing size-sensitive molecular apertures.

Source: PNAS. 2016 Dec 27; 113 (52):14887-14892

Authors: Jeong J, Cho Y, Lee SY, **Gong XT**, Kamien RD, Yang S, Yodh AG

Title: Topography-guided buckling of swollen polymer bilayer films into three-dimensional structures

Source: Soft Matter. 2017, Feb 7;13 (5):956-962

Authors: Rausch K, Hackett BA, **Weinbren NL**, Reeder SM, Sadovsky Y, Hunter CA, Schultz DC, Coyne CB, Cherry S

Title: Screening Bioactives Reveals Nanchangmycin as a Broad Spectrum Antiviral Active against Zika Virus

Source: Cell Reports. 2017, Jan 17;18 (3):804-815

Authors: Molleston JM, Sabin LR, Moy RH, **Menghani SV**, Rausch K, Gordesky-Gold B, Hopkins KC, Zhou R, Jensen TH, Wilusz JE, Cherry S.

Title: A conserved virus-induced cytoplasmic TRAMP-like complex recruits the exosome to target viral RNA for degradation.

Source: Genes Dev. 2016 Jul 15;30(14):1658-70.

Authors: Cadena C, Stavrou S, Manzoni T, Iyer SS, Bibollet-Ruche F, **Zhang W**, Hahn BH, Browne EP, Ross SR.

Title: The effect of HIV-1 Vif polymorphisms on A3G anti-viral activity in an in vivo mouse model.

Source: Retrovirology. 2016 Jun 30;13(1):45.

Authors: Rausch K, Hackett BA, **Weinbren NL**, Reeder SM, Sadovsky Y, Hunter CA, Schultz DC, Coyne CB, Cherry S

Title: Screening Bioactives Reveals Nanchangmycin as a Broad Spectrum Antiviral Active against Zika Virus

Source: Cell Rep. 2017 Jan 17;18(3):804-815

2014 [Publications 2012-2013(Dec)] Total: 12

Authors: Decroos C, **Bowman CM**, Christianson DW.

Title: Synthesis and evaluation of N8-acetylspermidine analogues as inhibitors of bacterial acetylpolyamine amidohydrolase.

Source: Bioorg Med Chem. 2013 Aug 1;21(15):4530-40.

Authors: **Genshaft A**, Moser JA, D'Antonio EL, **Bowman CM**, Christianson DW.

Title: Energetically unfavorable amide conformations for N6-acetyllysine side chains in refined protein structures.

Source: Proteins. 2013 Jun;81(6):1051-7.

Authors: Zhang N, **Hoffman DJ**, Gutsche N, Gupta J, Percec V.

Title: Comparison of arylboron-based nucleophiles in Ni-catalyzed Suzuki-Miyaura cross-coupling with aryl mesylates and sulfamates.

Source: J Org Chem. 2012 Jul 20;77(14):5956-64.

Authors: Leowanawat P, Zhang N, Safi M, **Hoffman DJ**, Fryberger MC, George A, Percec V.

Title: trans-Chloro(1-naphthyl)bis(triphenylphosphine)nickel(II)/PCy₃ catalyzed cross-coupling of aryl and heteroaryl neopentylglycolboronates with aryl and heteroaryl mesylates and sulfamates at room temperature.

Source: J Org Chem. 2012 Mar 16;77(6):2885-92.

Authors: Ballatore C, Crowe A, Piscitelli F, James M, **Lou K**, Rossidivito G, Yao Y, Trojanowski JQ, Lee VM, Brunden KR, Smith AB 3rd.

Title: Aminothienopyridazine inhibitors of tau aggregation: evaluation of structure-activity relationship leads to selection of candidates with desirable in vivo properties.

Source: Bioorg Med Chem. 2012 Jul 15;20(14):4451-61.

Authors: Speight LC, **Muthusamy AK**, Goldberg JM, Warner JB, Wissner RF, Willi TS, Woodman BF, Mehl RA, Petersson EJ.

Title: Efficient Synthesis and In Vivo Incorporation of Acridon-2-ylalanine, a Fluorescent Amino Acid for Lifetime and Förster Resonance Energy Transfer/Luminescence Resonance Energy Transfer Studies.

Source: J Am Chem Soc. 2013 Dec 18;135(50):18806-14.

Authors: Harkisheimer M, Mason M, **Shuvaeva E**, Skordalakes E.

Title: A motif in the vertebrate telomerase N-terminal linker of TERT contributes to RNA binding and telomerase activity and processivity.

Source: Structure. 2013 Oct 8;21(10):1870-8.

Authors: Verissimo AF, Khalfaoui-Hassani B, **Hwang J**, Steimle S, Selamoglu N, Sanders C, Khatchikian CE, Daldal F.

Title: The thioreduction component CcmG confers efficiency and the heme ligation component CcmH ensures stereo-specificity during cytochrome *c* maturation.

Source: J Biol Chem. 2017 Aug 11;292(32):13154-13167.

Authors: Pemberton TA, Chen M, Harris GG, Chou WK, Duan L, Köksal M, **Genshaft AS**, Cane DE, Christianson DW.

Title: Exploring the Influence of Domain Architecture on the Catalytic Function of Diterpene Synthases.

Source: Biochemistry. 2017 Apr 11;56(14):2010-2023.

Authors: Woll KA, Murlidaran S, **Pinch BJ**, Hénin J, Wang X, Salari R, Covarrubias M, Dailey WP, Brannigan G, Garcia BA, Eckenhoff RG.

Title: A Novel Bifunctional Alkylphenol Anesthetic Allows Characterization of γ -Aminobutyric Acid, Type A (GABAA), Receptor Subunit Binding Selectivity in Synaptosomes.

Source: J Biol Chem. 2016 Sep 23;291(39):20473-86.

Authors: **Genshaft, AS**, Cane, DE, Christianson, DW

Title: Exploring the Influence of Domain Architecture on the Catalytic Function of Diterpene Synthases

Source: Biochemistry, 56 (14):2010-2023;

2013 [Publications 2011-2013(Dec)] Total: 13

Authors: Hadziahmetovic M, Pajic M, Grieco S, Song Y, Song D, Li Y, Cwanger A, Iacovelli J, **Chu S**, Ying GS, Connelly J, Spino M, Dunaief JL.

Title: The Oral Iron Chelator Deferiprone Protects Against Retinal Degeneration Induced through Diverse Mechanisms.

Source: Transl Vis Sci Technol. 2012 Oct 25;1(3):2.

Authors: Wolkow N, Song D, Song Y, **Chu S**, Hadziahmetovic M, Lee JC, Iacovelli J, Grieco S, Dunaief JL.

Title: Ferroxidase hephaestin's cell-autonomous role in the retinal pigment epithelium.

Source: Am J Pathol. 2012 Apr;180(4):1614-24.

Authors: Wissner RF, Batjargal S, **Fadzen CM**, Petersson EJ.

Title: Labeling proteins with fluorophore/thioamide Förster resonant energy transfer pairs by combining unnatural amino acid mutagenesis and native chemical ligation.

Source: J Am Chem Soc. 2013 May 1;135(17):6529-40.

Authors: The transcription factor Atonal homolog 8 regulates Gata4 and Friend of Gata-2 during vertebrate development.

Title: Rawnsley DR, Xiao J, Lee JS, Liu X, Mericko-Ishizuka P, **Kumar V**, He J, Basu A, Lu M, Lynn FC, Pack M, Gasa R, Kahn ML.

Source: J Biol Chem. 2013 Aug 23;288(34):24429-40.

Authors: Zou Z, Enis DR, Bui H, Khandros E, **Kumar V**, Jakus Z, Thom C, Yang Y, Dhillon V, Chen M, Lu M, Weiss MJ, Kahn ML.

Title: The secreted lymphangiogenic factor CCBE1 is essential for fetal liver erythropoiesis.

Source: Blood. 2013 Apr 18;121(16):3228-36.

Authors: **Mallela A**, Nishikura K.

Title: A-to-I editing of protein coding and noncoding RNAs.

Source: Crit Rev Biochem Mol Biol. 2012 Nov-Dec;47(6):493-501.

Authors: Genshaft A, **Moser JA**, D'Antonio EL, Bowman CM, Christianson DW.

Title: Energetically unfavorable amide conformations for N6-acetyllysine side chains in refined protein structures.

Source: Proteins. 2013 Jun;81(6):1051-7.

Authors: **Slotkin W**, Nishikura K.

Title: Adenosine-to-inosine RNA editing and human disease.

Source: Genome Med. 2013 Nov 29;5(11):105.

Authors: Plikus MV, Gay DL, Treffeisen E, **Wang A**, Supapannachart RJ, Cotsarelis G.

Title: Epithelial stem cells and implications for wound repair.

Source: Semin Cell Dev Biol. 2012 Dec;23(9):946-53.

Authors: Zhao L, Birdwell LD, **Wu A**, Elliott R, Rose KM, Phillips JM, Li Y, Grinspan J, Silverman RH, Weiss SR.

Title: Cell-type-specific activation of the oligoadenylate synthetase-RNase L pathway by a murine coronavirus.

Source: J Virol. 2013 Aug;87(15):8408-18. doi: 10.1128/JVI.00769-13.

Authors: Zhao L, Jha BK, **Wu A**, Elliott R, Ziebuhr J, Gorbalenya AE, Silverman RH, Weiss SR.

Title: Antagonism of the interferon-induced OAS-RNase L pathway by murine coronavirus ns2 protein is required for virus replication and liver pathology.

Source: Cell Host Microbe. 2012 Jun 14;11(6):607-16.

Authors: Plikus MV, Guerrero-Juarez CF, Ito M, Li YR, Dedhia PH, Zheng Y, Shao M, Gay DL, Ramos R, Hsi TC, Oh JW, Wang XJ, Ramirez A, Konopelski SE, Elzein A, **Wang A**, Supapannachart RJ, Lee HL, Lim CH, Nace A, Guo A, Treffeisen E, Andl T, Ramirez RN, Murad R, Offermanns S, Metzger D, Chambon P, Widgerow AD, Tuan TL, Mortazavi A, Gupta RK, Hamilton BA, Millar SE, Seale P, Pear WS, Lazar MA, Cotsarelis G

Title: Regeneration of fat cells from myofibroblasts during wound healing

Source: Science. 2017, Feb 17;355 (6326):748

Authors: **Kumar V**, Shah Y, Patel D, Khan N

Title: Clinical Course of Patients with a New Age Threshold for Elderly Onset Ulcerative Colitis

Source: American Journal of Gastroenterology. 2016, Oct 1;111 S269-S269

2012 [Publications 2010-2013(Dec)] Total: 20

Authors: Cuker A, Rux AH, Hinds JL, Dela Cruz M, Yarovoi SV, **Brown IA**, Yang W, Konkle BA, Arepally GM, Watson SP, Cines DB, Sachais BS.

Title: Novel diagnostic assays for heparin-induced thrombocytopenia.

Source: Blood. 2013 May 2;121(18):3727-32.

Authors: Hutnick NA, Myles DJ, **Bian CB**, Muthumani K, Weiner DB.

Title: Selected approaches for increasing HIV DNA vaccine immunogenicity in vivo.

Source: Curr Opin Virol. 2011 Oct;1(4):233-40.

Authors: Muthumani K, Shedlock DJ, Choo DK, Fagone P, Kawalekar OU, Goodman J, **Bian CB**, Ramanathan AA, Atman P, Tebas P, Chattergoon MA, Choo AY, Weiner DB.

Title: HIV-mediated phosphatidylinositol 3-kinase/serine-threonine kinase activation in APCs leads to programmed death-1 ligand upregulation and suppression of HIV-specific CD8 T cells.

Source: J Immunol. 2011 Sep 15;187(6):2932-43.

Authors: **Comerci CJ**, Mace EM, Banerjee PP, Orange JS.

Title: CD2 promotes human natural killer cell membrane nanotube formation.

Source: PLoS One. 2012;7(10):e47664.

Authors: Pan M, Yuan H, Brent M, **Ding EC**, Marmorstein R.

Title: SIRT1 contains N- and C-terminal regions that potentiate deacetylase activity.

Source: J Biol Chem. 2012 Jan 20;287(4):2468-76.

Authors: **Lane MC**, Jackson JG, Krizman EN, Rothstein JD, Porter BE, Robinson MB.

Title: Genetic Deletion of the Neuronal Glutamate Transporter, EAAC1, Results in Decreased Neuronal Death after Pilocarpine-Induced Status Epilepticus.

Source: Neurochem Int. 2013 Dec 12.

Authors: Khetarpal SA, Edmondson AC, **Raghavan A**, Neeli H, Jin W, Badellino KO, Demissie S, Manning AK, DerOhannessian SL, Wolfe ML, Cupples LA, Li M, Kathiresan S, Rader DJ.

Title: Mining the LIPG allelic spectrum reveals the contribution of rare and common regulatory variants to HDL cholesterol.

Source: PLoS Genet. 2011 Dec;7(12):e1002393.

Authors: Bobrovnikova-Marjon E, Pytel D, Riese MJ, Vaites LP, **Singh N**, Koretzky GA, Witze ES, Diehl JA.

Title: PERK utilizes intrinsic lipid kinase activity to generate phosphatidic acid, mediate Akt activation, and promote adipocyte differentiation.

Source: Mol Cell Biol. 2012 Jun;32(12):2268-78.

Authors: Natsuizaka M, Naganuma S, Kagawa S, Ohashi S, Ahmadi A, **Subramanian H**, Chang S, Nakagawa KJ, Ji X, Liebhaber SA, Klein-Szanto AJ, Nakagawa H.

Title: Hypoxia induces IGFBP3 in esophageal squamous cancer cells through HIF-1 α -mediated mRNA transcription and continuous protein synthesis.

Source: FASEB J. 2012 Jun;26(6):2620-30.

Authors: Hsu CJ, Hsieh WT, **Waldman A**, Clarke F, Huseby ES, Burkhardt JK, Baumgart T.
Title: Ligand mobility modulates immunological synapse formation and T cell activation.
Source: PLoS One. 2012;7(2):e32398.

Authors: Wannemacher KM, **Wang L**, Zhu L, Brass LF.
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Source: Platelets. 2011;22(6):461-5.

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