

Session #	Poster #	First Name	Last Name	Institution	Abstract Title:
1	300	Bereket	Abraham	Princeton University	Simulations of the flow around an accelerating circular cylinder
2	265	Matthew	Acosta	California State University Long Beach	Modeling nanoplasmon interactions with Vanadium Dioxide (VO ₂) during phase transition using the Finite-Difference Time-Domain (FDTD) Method
3	301	Antonio	Aguirre	New York City College of Technology	Miniaturizing IR Spectrometers for Studying Planetary Atmospheres
1	1	Hoda	Ahmed	University of California, Los Angeles	Enhancing the Stability of Bacterial Microcompartments with natural and engineered covalent crosslinking
1	2	Nadya	Ali	University of Washington	Role of lactosylceramide in the Central Nervous System Autoimmunity Nadya Ali, Francisco Quintana PhD., Lior Mayo PhD.,
4	3	Ashli	Allen	Fort Valley State University	Effects of Propranolol and Sympathetic Reactivity on Spatial/Visual Abilities in ASD
3	204	Veronica	Alston	Tuskegee University	Gene Expression of Cytochrome P4501A (CYP1A) in <i>Cyprinodon variegatus</i> when exposed to WAF and CEWAF in various Salinities
3	4	Jorlys Isela	Alvarado Morales	University of Puerto Rico at Mayaguez	Selection of Potential Bone Cancer Biomarkers Genes: A Mathematical Optimization Approach
1	5	Jorge	Alvarez	University of Arizona	Regenerative Potential of Adipose and Cord Tissue Derived Mesenchymal Stem Cells
2	6	Chima	Amadi	William Paterson University	The Effect of Cold Atmospheric Pressure Plasma on Tail Regeneration of Tadpoles <i>Xenopus Laevis</i>
3	7	Nsisong	Amama	North Carolina Agricultural and Technical State University	Next Generation Sequencing in Metagenomics
2	8	Winston	Anthony	University of Massachusetts at Amherst	Effects of a plant alkaloid on adult bumblebee infection with a trypanosome parasite
1	9	Olivia	Anumudu	University of California, Irvine	The Effects of Brassica Nigra on Mycorrhizal Fungal Abundance
3	250	Alex	Avendano	Iowa State University	Surface Coverage of Double Thiolated Molecules on Microsurfaces for Microcantilever Sensors
3	238	Javier	Baez	Arizona State University	Dynamics of Triatomine Infestation in a Population of Houses
2	205	Monica	Bailey	University of Minnesota	Habitat Preferences for North Dakota Myotis Bats: Using Land Cover To Predict Distribution Patterns
1	133	Rodney	Ballard	University of Arkansas at Pine Bluff	Expression of a G-Protein Coupled receptor in a cell free expression System

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1	282	Robert	Banks	University of the District of Columbia	21st Century Gatekeepers: Protections from Research on Genetics and Crime
1	10	Angel	Barajas	University of California Los Angeles	Development of a novel in vivo model of Parkinson's disease linked pesticide exposures using Drosophila
2	251	Brandi	Barlow	Alabama State University	Using Carbon Nanotubes Conjugated siRNAs for Respiratory Syncytial Virus F Gene Silencing
2	283	Gina	Bearfighter	Fort Peck Community College	Stress Reduction Among American Indians, an Underserved Population
4	302	Rae-Zan	Belen	Kapi'olani Community College	Thrust force analysis of a Rotating Ionocraft under high voltage
1	183	John	Bell	Mississippi Valley State University	Social Media System: An Automated Twitter Search for Adverse Weather Conditions Based on Geographical Location
3	134	Allen	Benson	Delaware State University	The coordination of [Fe8] complexes with estrogen
3	11	Christopher	Benson II	The University of Georgia	The Reverse Genetics Characterization of Four Genes Found in Yeast-2-Hybrid Screen
2	135	Kiersten	Bethea	North Carolina Agricultural and Technical State University	The Use of UV/VIS Spectroscopy, Multivariate Curve Analysis, and Datan in the Study of Hg+2 Coordination to 4-Thiolated
2	303	Zain	Bhatti	North Carolina A & T	Prototype of Networking Robotic Fish
1	284	Dayna	Blake	Johnson C. Smith University	Examining Spatial Working Memory in Rats Using the Radial Arm Maze
2	304	Nicole	Blanco	University of Puerto Rico at Mayaguez	Understanding and exploiting compromises between different Co-Zn ferrite nanoproperties
3	12	Shareeta	Boddie	Winston Salem State University	Neoplastic Transformation of Mouse Mammary Epithelial Cells by In Vitro Exposure of Progesterone
2	13	Jonathan	Bolden	University of Arkansas at Pine Bluff	A Survey of HIV Education Knowledge Among Students at a Historically Black College/University (HBCU) in Arkansas, the University of Arkansas at Pine Bluff (UAPB)
1	285	Tevon	Bond	Talladega College	A Study On The Need For An Improved STEM Student Retention Strategy In Small And Medium Size Historically Black Colleges And Universities
4	206	Amelise	Bonhomme	New York City College of Technology	Spectral Analysis of Soil Moisture Time Series from the NOAAACREST Observation Site in Millbrook, NY
2	14	Nora	Bouzihay	University of Arkansas at Little Rock	Defining Markers of "Stemness" in Canine Mesenchymal Stem Cells from Various Tissue Sources

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3	15	Shanae	Bowman	Johnson C. Smith University	Seroprevalence of Leishmania parasites in Egyptian dogs
4	286	Shiann	Bradley	Clafin University	Prostate Cancer Screening & Informed Decision Making in the African-American Community
2	184	David	Brickler	Morehouse College	AlphaBraille: A New Method For Printing Accessible Text
1	239	Dwayne	Brooks	Elizabeth City State University	The Application of Fast Fourier Transforms on Frequency-Modulated Continuous-Wave Radars
3	16	Viviauna	Brown	Jackson State University	Vernonia Amygdalina – Induced Activation of Cyclin A and P53 Tumor Suppressor Gene in Human Breast Cells
2	287	Wilmon	Brown	Oklahoma State University	The Relationship Between Digit Ratio and Interhemispheric Transfer Time
4	17	David	Bullock	North Carolina Central University	A high throughput screening project to identify the inhibitors of GPR4, a novel acid sensing G-protein coupled receptor
3	207	Darrica	Byrd	Johnson C. Smith University	Comparison of Nitrogen Oxide and Ozone Concentrations in the Soul of the Northwest Corridor of Charlotte, North Carolina
3	305	KaRen	Byrd	Elizabeth City State University	Numerical Convergence Study on Simulated Spaceborne Microwave Radiometer Measurements of Earth
1	306	Piero	Caballero	Florida State University	Characterization of Heat Sinks for the Thermal Management of High Power Electronic Systems
2	18	Gloria	Calderon	University of New Orleans	Phylogeny and diversification of Valerianaceae (Dipsacales)
2	19	Shanice	Caldwell	Savannah State University	Obesity As It Relates to Adipogenesis
4	20	Alejandra	Camacho	University of Texas at El Paso	Mapping mouse glycinergic circuits containing the neuronal transporter GlyT2
3	21	Edgar	Campbell	California State University Stanislaus	Sudemycin Alters Alternative Splicing in Primary Murine Hematopoietic Cells Expressing Mutant U2AF1
2	307	Joseph	Cardozo	Binghamton Univeristy	Designing A Capacitor For Directional Michrophones
1	308	Michael	Carlock	New Mexico State University	Wood Chile Peppers Stalks-Plastic Composite Production: An Innovative Alternative for New Mexico Chile Growers.
1	136	Widler	Casy	Lindenwood University	Gut Inflammation: Interactions between serotonin and estrogen

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1	288	Deirdre	Childress	Talladega College	A Model Designed To Increase The Number Of African American Women In STEM Fields At Small And Medium Size Historically Black Colleges And Universities
2	309	Eric	Ching	Cornell University	Micro-Boiling of Highly Superheated Liquids on Novel Thin Film Platinum Structures
1	137	Jessica	Cole	Clafin University	Design, Synthesis & Study of Ferrocene-Based Supramolecular Helicates
1	138	Meryl	Collins	Bowie State University	Bio-Activities of Medicinal Plants in the Dominican Republic
1	22	Tasha	Corneille	University of the Virgin Islands	Analysis of twenty species of the USVI fishery for overfishing
4	240	Jason	Cornelius	Delaware State University	The Effect of Mixed Type Wall Segments on the Ideal MHD Duct Problem.
1	23	Pablo	Corredor	Washington State University	Establishment of Biotechnological Tools and Strategies for Long-Term Improvement of European Pear
2	139	Dominique	Covington	Virginia State University	Identification and Characterization of Plant Endophytes Isolated from Black Cohosh and Ramp.
3	252	Marylyn	Creer	Alabama A&M University	Detection and Inhibition of Mold Growth Using Biosynthesized Silver Nanoparticles
3	140	William	Dade	North Carolina A&T state Unive	Cell culture of HEPG2 on immobilized growth factors to simulate in-vivo environment
1	310	Cedricka	Dalton	Norfolk State University	Improving a Mono-Silicon Solar Cell with Forming Gas Anneal
1	185	Sandra	Daniel	University of the Virgin Islands	OSSEC Intrusion Detection System's Ability to Detect Denial -of-Service Attack on the Linux Operating System
4	266	Fatma	Darwish	Dillard University	Investigating the Visibility of Cancer Cell Removal Using CO2 Laser Ablation Technique
1	186	Lauritz	David, Jr	University of the Virgin Islands	Designing an Effective Scheduling Algorithm
1	311	Titus	Davis	Morehouse College	The Functionality of an Integrated Hydrogen Fuel Cell and Solar Cell System in Near Space Conditions
3	24	Rebecca	de Frates	University of Washington	Missense Variants of Voltage-Gated Calcium Channel Genes Implicated in Schizophrenia
1	25	Marissa	De La Paz	University of Arkansas at Little Rock	Mass Spectrometry-Based Metabolomics Reveals Variation in Tomato Light Regulation

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3	26	Yvan	Delgado de la Flor	Humboldt State University	Do Eastern Hemlock Forests Provide Habitat to a Greater Variety of Spiders Compared to Non-Hemlock Forests?
1	27	Eugene	DeLoach	Langston University	The Effectiveness of Intensive Rehabilitation Program on Patients that Underwent Total Knee Arthroplasty
4	312	Nicklaus	Diggins	University of Arizona	Assessment Of Axial Load Error Present Within An In-Vivo Shear Load Sensor
2	253	Cassandra	Dill	Oakwood University	Incorporation of Silver, Diamond and Gold Nanoparticles in Polymer Nanofibers for Tissue Engineering and Drug Delivery
3	208	Anthonios	Doliotis	University of the Virgin Islands	Comparative Study to Determine the Water Quality Parameters of Bioluminescent Mangrove Lagoon and Salt River Bay, St. Croix, USVI
2	28	Princess	Dollerson	Alabama A&M University	Sclerotium rolfsii Effect on the Growth and Regeneration of Tomato Callus
1	29	Abel	Duarte	California State University, Monterey Bay	Mutational analysis and transport activity of ABC transporter ABCB19 in Arabidopsis thaliana
1	209	Mohamed	Dumbuya	University of the District of Columbia	Biomphalaria glabrata: The Putative Induction of an Imposex Condition using Triphenyltin Chloride.
2	30	Natalya	Dungee	North Carolina Agricultural & Technical State University	The Effects of Temperature and Water Type on Seed Germination in Asclepias incarnata
2	289	Quenteisha	Eaton	Virginia State University	A Measure of Obesity in African American College Students
3	31	Jonathan	Echeverri	California State University Los Angeles	Cardioprotective properties of epicatechin in the setting of ischemia and reperfusion
3	276	Deric	Eley	Virginia State University	On-line health monitoring of pneumatic cylinder
4	267	Rachel	Elliott	Virginia Polytechnic Institute and State University	Systematically Generated Layer 1 Weakly Coupled Free Fermionic Heterotic String Models
1	210	Danielle	Epps	Michigan State University	The effect of Mu1 copy number variation on the gene expression level of MRS-A.
4	32	Samuel	Epps	Johnson C. Smith University	Prevalence of Toxoplasma gondii in heart and breast muscles of raptors from North Carolina
3	241	Ivan	Espinosa	California State University, Fullerton	New Observations and Data on M&m Sequences
2	141	Zoila	Estrada	California State University Stanislaus	Analysis of Conformational Influences Within (2R,3R)-Butanediol

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2	211	Ivahnah	Evans	Virginia State University	Studies on Growth and Mapping of Ecological Restoration of Shortleaf Pine
2	33	Farid	Eythrib	University of Arizona	The Characterization of the Receptor for Advanced Glycation End-Products in Birds
3	254	Christian	Ezeagwu	Norfolk State University	Detection of Protein Using Carbon Nanofiber Based Biosensor
3	142	Rowan	Far	University of the District of Columbia	Synthesis, Structural Characterization and Toxicity of Triorganotin Chloride Adducts With Picoline N-oxides
3	212	Akida	Ferguson	Delaware State University	The Effect of a Small Ruminant Farm Operation and Sustainable Farm Practices: Run-Off and Soil Quality at Hickory Hill Farm, Delaware
1	34	Conroy	Field	Johnson C. Smith University	Effect of ATP synthase subunits on mitochondrial morphology in <i>Drosophila melanogaster</i>
4	268	Alayna	Fields	Alabama A&M University	PVDF:PZT Nanocomposites Films for Uncooled Infrared Detectors
3	213	Marlon	Flowers	Mississippi Valley State University	Detection of Harmful Algal Blooms in Lake Sardis, MS, US
1	143	Kibba	Fogle	Clafin University	Development of A Behavioral Model to Assess Chemosensation in <i>Daphnia Magna</i>
2	187	Emlyne	Forren	Delaware State University	NeRvolver: A Multi-Objective Evolutionary Algorithms and Fuzzy Logic-based System for Automated Construction, Tuning, and Analysis of Neuronal Models
2	290	Alania	Foxx	Norfolk State University	Effect of Self-Efficacy on Diabetes Self-Management in the Eastern Cape, South Africa
1	277	Khadijah	Friday	Delaware State University	Physiological Responses in Common Bean (<i>Phaseolus vulgaris</i>) to Rust Infection
2	35	Chasity	Fuller	Savannah State University	Plant Growth Promoting Rhizobacteria Resistance Against Early Blight in Tomato
2	214	Antonio	Garcia	New Mexico Highlands University	Use of GIS to evaluate correlation of soil types and vegetation at the Las Vegas National Wildlife Refuge
1	36	Jasmine	George	North Carolina A&T State University	Meprin B degradation of tight junction proteins in kidney cells subjected to hypoxia
2	188	Candace	Ghent	NC A&T SU	Computing a Network of Proteins Based on Functional Similarity
3	37	Brittany	Glover	Winston Salem State University	The Effect of 3-Methylcholanthrene on Human Fetal Lung Cells

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3	38	Eileen	Gonzalez	California State University, Los Angeles	Mitochondrial Dynamics in the Type 2 Diabetic Heart
3	144	Sandra	Gonzalez	University of Arizona	The Development of a New Method that Measures the Bio-distribution of Lanthanide Ions in Mouse Tissue using NMR Spectroscopy
2	39	Brenda	Gonzalez-Garcia	University of California Irvine	Amyloid Beta Interference with Zinc Neurotransmission and its Possible Contribution to Neurodegeneration in Alzheimer's Disease
1	291	Elijah	Gordon	Virginia State University	Effects of Perceived Stress on Cardiovascular Activity
4	145	Michelle	Gordon	University of the Virgin Island	Synthesis, characterization and preliminary In Vitro studies of melanoma cells with mixed- metal binuclear Ruthenium(II)-Vanadium(IV) complexes
1	292	Tranquility	Gordon	University of Mississippi	The role of phenotype similarities in the mate choice copying behavior of zebra finches (<i>Taeniopygia guttata</i>).
1	189	Usha	Govindaraju	Bowie State University	Augmented Reality as a Tool for Learning and Safety
3	215	Veneta	Graham	Philander Smith College	Evaluating Compost Piles Using Soil Bacteria Community Analysis
1	40	Jacqueline	Graniel	University of California Los Angeles	Characterization of Tissue-specific Expression of <i>ndi1</i> in Long-lived <i>Drosophila melanogaster</i>
3	41	Merischia	Griffin	Johnson C. Smith University	Evaluation of Potential Confounding Factors in Gut Microbiome of Preterm Infants
4	242	Megan	Grimes	North Carolina A&T State University	Understanding Sigmoid Mathematical models
4	42	Josue	Gutierrez	University of California, San Diego	Developmental Regulation of rRNA Processing in Embryonic Stem cells
4	269	Mohamed	Haji	University of Minnesota	Carol: The Cooking Robot
1	43	Andre	Hall	North Carolina A&T State University	Visualizing the Three-Dimensional Protein Structure Associated with Huntington's Disease
2	293	Shara	Hall	Virginia State University	The Effects of Smoking on Cardiovascular Reactivity to Stress in African American College Students
2	44	Tamika	Hare	Delaware State University	UV Irradiation and the Reduction of DNA Concentrations from Porcine Blood
2	45	Joshua	Haynes	Norfolk State University	Synthesis, Characterization, and Biocompatibility Studies on Gold Nanoparticles

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1	146	Renesha	Henderson	University of Virgin Islands	Tris(triphenylphosphine)Rhodium(I) Chloride-Catalyzed Dehydrocoupling of Diphenylmethylsilane with Primary Aliphatic and Aromatic Amines
3	46	Adrianna	Hernandez	California State University, Los Angeles	Comparison of biomechanical properties of hermit crabs
3	47	Yvonne	Hernandez	Fort Valley State University	IgY Antibody Response in Juvenile Rana pipiens following PCB-126 Exposure
4	216	Lauren	Herrera	Suffolk County Community College	Meteorological effects of a Large-scale Solar Farms
2	190	Devonte	Holmes	Virginia State University	Design and testing of photon detection unit for Quantum Communication receiver station
1	255	Keevin	Hood	Norfolk State University	Introducing SiC as a Semiconductor Using MOS Capacitors
1	243	Kodjo	Houssou	University of Minnesota	Can CFA franc promote the trade between the WAEMU (West African Economic and Monetary Union) and its trading partners?
3	217	Jeronda	Hunt	Fort Valley State University	Identification of Pectolytic Bacteria found in the Pacific Northwest
4	48	Abrar	Husein	University of the Virgin Islands	Molecular Diagnostics Can Detect and Identify Prokaryotic and Eukaryotic Pathogens in Terrestrial and Marine Organisms
4	313	Rifat	Hussain	City College of New York	Flow Behaviors under Surface Shear and Velocity Conditions
3	191	Luis	Irizarry	University of Puerto Rico at Mayaguez	Validation Study On Potential Cervical Cancer Genes Identified By Novel Microarray Data Analysis
3	192	Dion	Jackson	Talladega College	A Pilot Study To Determine The Effects Of A Web-Based Animated Pedagogy In Two Basic Science Courses
2	147	JaNise	Jackson	Texas Southern University	The effects of Osteopathic Lymphatic Pump Techniques (LPT) on blood leukocyte numbers in rats with lung disease
1	193	Kierra	Jackson	Talladega College	Usage Of Mobile Technology To Improve Unspoken Interaction Between Faculty And Student In Classroom Settings: A Study Of The Literature
1	49	Siliviya	Jackson	Suffolk County Community College, Selden NY	TA Cloning of Plasmid L4440 to be used for RNAi of genes associated with Autism in Caenorhabditis elegans.
2	148	Amber	James	University of Mississippi	nBuLi Me ₂ S=CH ₂ Mediated Novel C1 Homologation of Aryl Expoxides
2	50	Joilah	James	Virginia State University	A Systems Genomics Approach Finds Candidate Genes for Non-Insulin Dependent Diabetes Mellitus

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4	51	Nija	James	North Carolina Agricultural and Technical State University	An Extended Mathematical Model of the Sleep/Wake Cycle
4	314	David	Jarvis	North Carolina A&T State University	Extraction and Synthesis of Keratin based Nanofibers by Electrospinning for Wound Healing Applications
3	52	Monicah	Jepkemboi	Southern University at New Orleans	Genetic Mapping of EMS Induced Drosophila Mutants with Defects in Synaptic Development
2	256	Jote	Jinfessa	The University of the District of Columbia	Experimental and Theoretical Studies of Tunnel Junction-based Molecular Spintronics Devices
3	53	Akendra	johnson	Savannah State University	Characterization of microbes isolated from soil applied with: Red gypsum and Organic matter
1	54	Briana	Johnson	Delaware State University	Validation of Cooked meat via Mitochondrial DNA and Polymerase Chain Reaction
2	278	Derrick	Jones	Mississippi Valley State University	Applying Common Core State Standards in grades 4th ? 10th using LEGO Robotics
2	315	Jamal	Jones	NC A&T State University	Cloud Computing: The Portability of Educational Tools
3	149	Rebekah	Jones	Alabama State University	Observation of Structural Changes of Methamphetamine, Phenobarbital, Cocaine, and Marijuana under UV Irradiations and Elevated Temperatures
2	194	Terecia	Jones	Philander Smith College	Measuring the Usability of Text-Based CAPTCHAs
2	295	Walker	Jones	Virginia State University	Effects of Educational Outreach Programs on Farmers' Participation in Government Agricultural Programs.
2	55	Symone	Jordan	Bowie State University	Effects of Neonatal Hyperoxia on the Lung: A Rodent Model for Chronic Lung Disease in Premature Infants
3	279	Clyde	Joseph	University of The Virgin Islands	Development and Evaluation of Water Quality Laboratories for Increasing Student-Centered General Chemistry Curriculum
4	56	Gemel	Joseph	University of the Virgin Islands	Protein HbpA and Bartonella bacilliformis Deformin Activity in Erythrocytes
1	57	Anil	K.C	University of District of Columbia	The Effects of Parkin, the Protein Product of PARK2 Gene, in Amyloid Plaques in Induced Alzheimer's Disease.
1	218	Klarissa	Kahill	Philander Smith College	Soil Microbial Exploration of Environments with Site Assessment emphasis
1	150	Victoria	Keels (Angela Tartt)	Central State University	Efficient Calculations of Thermodynamic Properties of Hydrogen Bonding Complexes

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2	219	Michelle	Kernak	Northwest Indian College	Measures of Tropical Premontane Reforestation Success, Early Tree Species Survival and Growth and the Influence of Policy
2	151	Kelin	Key	Univ. of Arkansas at Pine Bluff	Characterization of Monocarboxylic Acid transporter and Organic Anion Transporter in the Blood Brain Barrier
1	316	Phillip	Killebrew	Virginia State University	Friction Stir-Welding of Aluminum Alloy
2	58	Ricosha	Kindells	Southern University	Characterization of Chlamydia trachomatis MOMP-278 Protein Encapsulated in PLA-PEG Nanoparticles
2	152	Erin	King	Virginia State University	pH Effects on Structure and Morphology for Cobalt (II) 2,9-Dimethyl-1,10-Phenanthroline Sol-Gel Material Hybrids
2	317	Demier	Klevitch	Virginia State University	On-line health monitoring of pneumatic cylinder
3	153	Darius	Lang	Central State University	Assessment of Density Functional Theory Models in Evaluating Chemical Reaction Energies and Barrier Heights
3	59	Nicihole	Lathan	Dillard University	Determining the Status of Indoor Airborne Microbial Organisms in the Gently Community Post Hurricane Katrina
3	220	Mary	Lawrence	Northwest Indian College	Introduction to methods and processes of integrated weed management
1	60	Daniel	Lee	California State University, Los Angeles	Battlefield Automated DNA Analysis and Sampling System
1	221	Brittany	Legrant	Fort Valley State university	Optimizing In Vitro Culture of Vitis vinifera Varieties
1	154	George	Lewis	Texas Southern University	An In Vitro Assessment On The Effect Of Diruthenium- Allopurinol As a Potential Anti-Cancer Agent in Michigan Cancer Foundation -7 (MCF-7) Breast
4	61	Jamicia	Lewis	Alabama State University	Evolutionary Qbeta RNA Coliphage Display Functional Peptide as a Vaccine Candidate for Foot-and-Mouth Disease Virus (FMDV): Advantage and
2	155	Lakendra	Lewis	University of Mississippi	T2 Viral DNA Stability
1	156	Twymenia	Liggins	University of Arkansas at Pine Bluff	Amelioration of rhabdomyolysis-induced kidney failure in mice using metal complexes
1	62	Darryl	Lopez	California State University, Stanislaus	Observing Diversity of the Microbial Population in Active Sludge
1	63	Marisa	Lopez	University of California, Irvine	Chemical Toxicity Screening for Chemotherapeutic Treatments using Human Pluripotent Stem Cell Derived Cardiomyocytes

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1	318	Maria	Lyon	University of Maryland, College Park	Mitigation of the effects of Water Hammer
2	257	Edgar	Macal	Alabama State University	Evaluation of Biodegradable PLA-PEG rMOMP-278 Chlamydia Nanovaccine in Mice
2	64	Eyong	Madonia	Southern University of New Orleans	The Role of MAPK-Mediated Cytoskeletal and Junctional Reorganization in Histamine-induced Endothelial Hyperpermeability
3	280	Mercedes	Maldonado	New Mexico State University	Study of exoplanetary atmospheric properties from the Kepler public data
3	222	Courtney	Maloney	The University of California, Berkeley	Ragweed inflorescence length is correlated with pollen output per inflorescence
3	65	Samuel	Martin	Mississippi Valley State University	The Toxicity of Fluometuron on the Development of the Japanese Medake (<i>Oryzias latipes</i>)
3	195	Danielle	Mason	Virginia State University	Integration of X-Band Radar Software to Visualize Real-time Radar Data
2	223	Courtney	Mazique	University of Arkansas at Pine Bluff	Effect of Chitosan and Hydroxypropyl Methylcellulose-Based Edible Coatings on Microbiological Quality of Fresh-Cut Sweet Potatoes (cv. Beauregard) Under Processing Methods on Flavonoid and Phenolic Content of Peanuts and Walnuts
2	66	Breanna	McArthur	Alabama A&M University	Processing Methods on Flavonoid and Phenolic Content of Peanuts and Walnuts
3	67	Shelbi	McCarty	Johnson C. Smith University	Detecting Fluorescent EGFR Antibody On Breast Cancer Cells: Application for Image Guided Surgery
1	196	Carlton	McClain	Alabama State University	Using Visual Studio 2010 for Windows Phone to Develop Silverlight Applications
4	68	Armeshia	McCoy	North Carolina Agricultural and Technical State University	Measuring the pRb Status in Breast Cancer Cell Lines
3	244	Zachary	Meadows	Alabama State University	The Triangle Intersection Problem for Hexagon Triple Systems
4	270	Amber	Medina	New Mexico State University	Temperature Dependence of the Dielectric Function of Ge by Spectroscopic Ellipsometry
4	224	Juan	Mejia	New York City College of Technology	'Downscaling of SMOS data using NDVI, Elevation, and Sand Fraction'
2	69	Humberto	Melgoza	California State University of Bakersfield	Detection of the amphibian pathogen <i>Batrachochytrium dendrobatidis</i> in different ponds of the San Joaquin Valley and the foothills of the Sierra Nevada
1	70	Nanse	Mendoza	California State University, Bakersfield	Identification of microcrustaceans as natural predators of the amphibian pathogen <i>Batrachochytrium dendrobatidis</i>

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4	157	Roman	Meneses	University of Texas-Pan American	Nanofiber Alignment of Electrspun Polyurethanes
3	258	Andre	Merille	Grambling State University	Positron Lifetime, Magnetization, and FTIR Studies of Mn/Rare Earth Oxides
2	71	Keila	Miles	Oakwood University	Localization and Distribution of Protease HtrA in Porphyromonas gingivalis W83
1	319	Henry	Mishoe III	Elizabeth City State University	Design, Fabrication, and Testing of Microstrip Transmission Lines and Antennas
3	197	Pankaj	Mishra	Tennessee State University	Computationally Detecting Interaction Sites of Cytochrome and Photosystem I for Generating Green Energy
1	158	Colee	Mitchell	Oakwood University	Electrotonic and Action Potentials in the Venus flytrap
2	72	Sara	Mohammed Nur	University of Minnesota	Somali Oral Health Practices and the Prevalence of Actinobacillus actinomycetemcomitans in the Saliva: A Gram Negative Anaerobic Bacteria that
1	73	Briana	Moncur	Oakwood University	Selective classes of antibiotics can modulate protease expression and distribution in Staphylococcus aureus.
2	259	Belther	Monono	Alabama A&M University	The Photo-degradation of Melanin Thin Films by UV Lithography
2	320	Carl	Montgomery Jr	California State University, Long Beach	Fabrication and Testing of Green Composite Materials for Concrete Reinforcement
3	74	Diamond	Moore	Delaware State University	Remarkably similar viability and behavioral characteristics of temperature sensitive and deletion alleles of the C. elegans G α subunit coding gpa-16 gene
3	75	Dominique	Moore	Clafin University	Producing Human Monoclonal Antibodies Against RSV Using the Humanized NOD-scid-IL2r γ null Mice
1	321	Benjamin	Morton	Tennessee State University	A VAR System for Teaching & Learning in Mechanical Engineering
2	159	Martika	Moss	Florida A&M University	Comparative Proteomics of EPM Horses versus Normal Horses using 1D Gel Electrophoresis
3	76	Tonelia	Mowatt	Florida A&M University	Inhibition of Akt Signaling of Sutherlandia extracts in Prostate Cancer Cells.
1	322	Shawn	Mull	Virginia State University	Soil Moisture Active Passive Radiometer Digital Electronics System Analysis Tool
3	77	Arrica	Murphy	University of Arkansas at Pine Bluff	The Knowledge of Sickle Cell Disease Among Random Students at a Historically Black College and University (HBCU), at the University of Arkansas at Pine Bluff

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4	160	Clayton	Murray	Morehouse College	The Effect of High Altitude o Thermo-Responsive Biomaterials
4	78	Kimberly	Myers	Tuskegee University	ERK MAPK Activity Coincides with Prostate Cancer Cell PC3 Mesenchymal to Epithelial Transition
2	296	Sara	Nelson-Owens	Norfolk State University	Using Waist Circumference as a biomarker for Insulin Resistance in the Eastern Cape
4	79	Andres	Nevarez	California State University Fresno	Obtaining natural substrates of Caspases via N-terminomics
4	225	Casandra	Newkirk	Clafin University	Biosorption of Hexavalent Chromium from Aqueous Solutions Utilizing Highly Characterized Peats
3	80	Damond	Ng	University of California, Los Angeles	Hepcidin, Inflammation, and Obesity: Iron Regulation in Colorectal Carcinogenesis
3	226	Dalianie	Nieves	University of Puerto Rico, Rio Piedras Campus	Impacts of 1,4-Dichlorobenzene on the Callinectes sapidus cardiac system
3	81	Naomi	Nkinsi	University of Washington	Sequencing DHODH in Persons with Miller Syndrome: Expanding the Spectrum of Mutations
1	82	Ashley	Norris	Fort Valley State University	Production of Recombinant Thermostable Pyrococcus furiosus Alpha-amylase in E. coli for Starch Hydrolysis
2	161	David	Oguoma-Richards	Savannah State University	Synthesis of immobilized Bronsted acidic ionic liquid on silica gel as catalyst for the hydrolysis of cellulose
1	227	Etonam	Okaikue-woodi	Minneapolis Community and Technical College	Geochemical Characterization of Sediments in a Small Bay on Lake St. Croix at Hudson, WI
1	297	Barbara	Okeke	Norfolk State University	Correlation of Organ Donations and Morbidity in Marginalized Communities
4	83	Michael	Okoronkwo	Southern University at New Orleans	Characterizing the biological function of Bit1 and TLE1 in regulating anoikis in cancer cells
4	84	Nicole	Ortiz	University of Puerto Rico at Mayaguez	Coordinated changes on relative genetic expression of potential cancer biomarkers: a mathematical network approach
3	260	Wilbert	Paige	Alabama State University	Mechanism of bactericidal effect of Gold nanoparticle against Gram positive bacteria
2	85	Miryam	Pando	University of Texas at El Paso	Glycine Transporter 2 and the role of its 201 amino acid N-terminus
1	228	Ashley	Parmer	Fort Valley State University	Natural Variations of Fatty Acid Composition in the Model Green Alga Chlamydomonas reinhardtii

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3	162	Lauren	Peace	North Caroline Agricultural and Technical State University	The Synthesis and Characterization of Chalcones for Use as Chemopreventives
1	86	Aterica	Pearson	Southern University at Shreveport	Chlamydia Major outer Membrane Protein (MOMP) Induces High IFN-O and T-cell Proliferative Responses in Mice
1	87	Lila	Peltekian	California State University Los Angeles	Reduction of fibrosis in type 2 diabetes by (-)-epicatechin
2	88	Amilcar	Perez	University of California, Los Angeles	Elucidation of the PhrA/TprA Signaling System; a Potential Quorum-Sensing System Regulating Pneumococcal Virulence.
4	163	Sean	Pickthorn	St. John's University	Characterization of Poly(lactide-b-butadiene-b-lactide) Multiblock Copolymers
3	89	Jose Mario	Pineda	University of Washington	Experimental Evolution of a Synthetic Yeast Cooperative System
4	245	Kwasi	Platt	Savannah State University	Principal Component Analysis in Financial Risk Management
2	298	Michelle	Poe	University of Arkansas at Pine Bluff	Perceptions of Uninsured Patients Utilizing an Urban Emergency Department
4	271	Kemet	Preer	Alabama State University	Analysis of Stainless Steel Using Laser Induced Breakdown Spectroscopy
4	90	Mercedes	Quintana	San Diego State University	Influence of Fibronectin on Cardiac Progenitor Cell-mediated Myocardial Regeneration
1	91	Rosana	Quintana	Miami Dade College Wolfson Campus	Identification of endonucleases within Clostridium Taeniosporum
4	323	Kasandra	Ramirez	University of Puerto Rico, Mayaguez Campus	Beating the curse of dimensionality through manageable experiments: Preliminary results
2	229	Nalinie	Ramnaraine	The University of the Virgin Islands	'Biometric analysis of the invasive Pacific lionfish (Pterois volitans) in the Virgin Islands?
3	246	Emily	Ramos	California State University, Fullerton	F-test in Microarray Experiments
1	92	Uttam	Rasaily	University of the District of Columbia	Ultrastructure Changes in the 3xTg-AD Brain tissue in Alzheimer's induced mice
4	247	Joshua	Recore	Winston Salem State University	Wreath Product Symmetric Functions
3	230	Raven	Reed	Texas Southern University	Preliminary Assessment of Volatile Organic Compounds (VOCS) in Indoor Parking Facilities in the Greater Houston Area

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3	324	Obedur	Rehman	NC A&T State University	Phase Equilibria Measurement & Thermophysical Property Prediction of Model Biodiesel Fuels
4	272	Dontrel	Reynolds	Alabama A&M University	Fabrication of Solution Processed Films for Organic Solar Cells
3	198	Gavin	Richard	Grambling State University	Is Digital Normalization Really the Way for a Better Tomorrow?
1	164	Anahis	Rincon	California State university Los Angeles	Microfluidic Centrifugal Disc Extractions via White Silica Pellet
3	93	Mariah	Rincon	California State University, Los Angeles	Development of Photocrosslinkable Class I pMHC Monomers for Detecting Antigen-Specific T Cells
3	231	Carlos	Rivera	Saint Olaf College	An analysis of Walleye (<i>Sander vitreus</i>) population decrease at Fish Lake
3	261	Melody	Roberson	Texas Southern University	Electrical Biosensing of Enzyme Activity with a Precipitation-Based Nanoreactor
2	165	Jasmine	Robertson	Fisk University	Interfacial Polymerization of Bisphenol A Tetrachlorocyclotriphosphazene Monomers to Synthesize Poly(arylene ether sulfone) Hybrid Copolymers. Part 1-
3	262	Christian	Rogers	Alabama State University	Electrospinning Nanofibers and the Degradation Properties of Poly(lactide-co-glycolide)
3	166	Jameison	Rolle	Fisk University	Synthesis and Characterization of Polyamide Polyetheramide Block Copolymers for
2	199	Brian	Rose	Norfolk State University	Towards a framework/middleware for location-aware mobile information systems using NFC
3	167	Michael	Roundtree	Morehouse College	Tunable Band Gap in Gold Intercalated Graphene
2	94	Teal	Russell	North Carolina State University	Investigating the Role of RBM4 in the Expression of ULBP-1, an NKG2D Ligand
3	95	Breanna	Ryan	Dillard University	Possible Heat Shock Protein Involvement in Preconditioning Neuroprotection due to
4	96	Aqeeb	Sabree	Texas Southern University	Tracking and Modeling Time Evolution of IRF3 and NF- κ B in the Signaling Processes during Viral Infection
3	273	Yesenia	Salazar	University of Houston, Downtown	The Effect of Heat on Granite Rocks for Nuclear Depository
1	97	Pingdewinde	Sam	San Francisco State University	CD1 and C57BL6 mice show strain and gender specific differences in behavioral phenotypes

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3	248	Michael	Sanchez	Delaware State University	FDTD Simulation of Metamaterials
1	168	Carrie	Sanders	Alabama State University	Crossover between Triangular and Hexagonal Structure for Nitrogen-Carbon Cages
1	299	Karen	Santoyo	University of California, Irvine	Patient-Physician Communication and Medication Adherence in Type 2 Diabetes
4	98	Nicklas	Sapp	Norfolk State University	Analysis and Capabilities of a Mobile Potentiostat
3	99	Anita	Scales	Norfolk State University	Development of a Sodium poly(4-styrenesulfonate) doped Polypyrrole Electrode for Calcium Detection
1	325	David	Scott	Norfolk State University	Experimental Evaluation of a UCA Smart Antenna Performance for Wireless Communications
3	100	Jasmine	Scott	Fort Valley State University	Time travel with apples: Accelerating breeding using biotechnology
1	232	Joy	Semien	Dillard University	From Seed to Table "Dream Keeper Garden"
2	101	Reema	Shakir	CSU Stanislaus	The Effects of Second- and Third-Hand Cigarette Smoke Exposure on the Levels of Plasma Glucose and Insulin Using Swiss Webster Mice
3	102	Mandy	Shelby	Tuskegee University	Induction of intestinal epithelial differentiation in vitro and in vivo by Schlafen 3 adenoviral transfection
2	103	Angel	Shulterbrandt	University of New Orleans	Cloning and Expression of enzymes involved in the biosynthesis of the fluorescent protein phycoerythrin
2	326	Meseret	Sima	Alabama A&M University	Studies on Energy Harvesting using Pyroelectric Materials Embedded in Soils
1	169	Arkeen	Simmons	Elizabeth City State University	The Cytotoxicity of Commiphora myrrha on MCF-7 Cells
2	104	Bonita	simmons	Norfolk State University	The Identification of Rotifers In the Tidewater Region
2	233	Sandra	Slickpoo	Northwest Indian College	Nez Perce Tribal Wetlands Study - 2012
3	105	Jennifer	Smith	Humboldt State University	What matters to a mouse? Habitat preference in Zapus princeps
2	170	Robert	Smitherman	Winston Salem State University	Highly Efficient Synthesis of Tropane Skeletons

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3	200	Charnelle	Smoak	North Carolina A&T State University	Multiple Sequence Alignment Using Motif Assembly
1	234	Chelsey	Snell	Savannah State University	Decision Support on Pesticide Risk Import for Production
2	106	Alexis	solis	Bowie State University	Search for New Biofuel Microbes: Isolation of Thermophilic Microbes from Soil
1	327	Brencis	Stanford	Johnson C. Smith University	Controlling the Liquid Layer During Electron Beam Induced Deposition
3	107	Wendy	Stegall	Fort Valley State University	Testing the Efficacy of Monocot and Viral-derived Promoters using Green Fluorescent Protein Reporter Gene in Transgenic Tobacco
1	108	Jazma	Tapia	California State University Los Angeles	The Role of Antimicrobial Lipids: Potential Novel Innate Immune Factors Preventing Intrauterine Infections
4	263	Danielle	Taylor	Norfolk State University	Thin Film Growth and Nanostructure Fabrication for Semi-Conductor Devices
3	109	Reatna	Taylor	Johnson C. Smith University	Epigenetic Effect of Paternal High Fat Diet and Exercise on Offspring Susceptibility to Glucose Intolerance in Mice
1	110	Ghislain	Tchomobe	Bowie State University	Antibiotic, Allelopathic, Antimitotic and In-vivo Cytotoxicity of Ethno pharmacologically selected Medicinal Plants from the Dominican Republic
2	274	Angelicia	Thomas	Alabama A&M University	Light Activated Nanoscale Patterning of Dye-labeled Biomolecules
3	171	Charne'	Thomas	Dillard University	Phytoremediation of Lead Contaminated Water using Edible Fruits and Vegetables
2	172	Jerry	Thomas Jr.	Alabama A&M University	Development of an On-The-Go Breakfast Waffle
2	111	Jose	Thompson	Miami Dade College	Identification of the Origin of Replication of Gram-Positive Anaerobic Bacterium Clostridium taeniosporum
1	201	Kendra	Thompson	Mississippi Valley State University	An Analysis of Urban Watch Flow Data
3	112	Donique	Thorpe	Dillard University	Role of Chromatin Insulator Elements in HSV-1 During Latency and Reactivation
2	113	Shelletta	Tilghman	Florida Agricultural and Mechanical University	Characterization of Xylem Sap Components Associated with Pierce's Disease Tolerance
4	328	Carine	Todmia	University of California, Irvine	Containment Materials Reliability/Sustainability in a Thermal Neutron, Molten Salt Environment

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1	329	Giovanni	Torres Suarez	University of Puerto Rico Mayaguez Campus	Multicriteria Optimization in the Construction Field
1	173	Dorothy	Tovar	University of Massachusetts Amherst	Function Prediction on Co-enzyme A Disulfide Reductase from <i>Clostridium difficile</i>
2	330	Koffi	Trenou	Cornell University	Spherically Symmetrical Droplet Combustion of n-Octane in a Microgravity Environment in International Space Station and Ground-Based Facilities
4	114	Alfonso	Trujillo	New Mexico Highlands University	CLIP1 as a Candidate Gene for repro29 Male Infertility: Complementation Testing with Clip1tm1Gal.
1	331	Andrew	Tsoi	University of Colorado at Boulder	Vibro-Acoustic Analysis of MMS and JWST using Finite Element Modeling (FEM)
1	115	Josephine	Tupu	University of Hawaii Hilo	Function of Songs in the Orange-Billed Sparrow (<i>Aurammon aurantirostris</i>): Evidence for Sex-Role Convergence.
1	116	Sarah	Valles	University of California, Irvine	Transport Regulating Proteins in Lipid-Droplets of <i>Drosophila melanogaster</i> Embryos
3	117	Alberto	Vasquez	University of California, San Diego	Plasmodium Vivax Transmission Dynamics and Superinfection Prevalence in the Peruvian Amazon
1	118	Akinola	Vaughan	Bowie State University	Species Authentication and Validation of <i>Actaea racemosa</i> (Black Cohosh) by DNA Barcoding in Alabama, North Carolina, Maryland and Virginia
1	119	Chrystelle	Vilfranc	Oakwood University	Venus flytrap biomechanics: Forces in the <i>Dionaea muscipula</i> trap
3	332	Cristina	Villa	New Mexico State University	Crash Data Analysis of Las Cruces Safe Traffic Operations Program
3	235	Brenda	Villasenor	University of Washington	Isotopic signatures in mammoth molars as possible biogeographic and paleoecologic markers
4	174	Johan	Von Behr	Southern University-Shreveport	Synthesis and Characterization of Polyimide-CNT Composite Films
2	120	joy	walker	Tougaloo College	Molecular Tools for Visualizing Sensory Structure Development
1	175	Shakeena	Walker	Winston-Salem State University	Luminescence Evidence of the Unusual Stability of the Divalent Samarium Site in Various Borate Systems
2	121	Charles	Waller	Bowie State University	Cytotoxicity and Antibacterial Properties of Medicinal Plants in Dominican Republic
2	281	Zachary	Walls	Norfolk State University	Game Development Using Kodu Game Lab

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1	236	Laurence	Walsh	University Of Hawaii at Hilo	Fire Regime Facilitates Unexpected Nutrient Limitation in Hawaiian Subalpine Forest?
3	122	Catherine	Wanko	UDC	A Study of Oral Rinses on the Microflora of the Mouth
2	237	Kayla	Warden	Northwest Indian College	Correlations between Particulate Matter and Wood Stove Emissions during the winter months on the Nez Perce Reservation
2	176	Jasmine	Washington	University of Arkansas at Pine Bluff	Cisplatin-induced LDH release and Caspase 3/7 activation in TPKTS cells are significantly reduced by metal complexes
4	333	Ashley	West	Tennessee State University	Fate and Transport of Chemicals in Stormwater Runoff at Mammoth Cave NP
3	123	Nickolas	Wheat	UCLA	Mitochondrial Function in Axotomy-Induced Axon Degeneration
3	124	LaManuel	White	North Carolina Central University	Isolation and Identification of Novel Bacteriophages from Durham, NC
4	125	William	Wiggins	University of the District of Columbia	Biomphalaria glabrata: The expression of FREP 3 on mated and selfed NMRI and BS90 snail strains.
4	126	Montell	Wilkerson	Fort Valley State University	Do MVM non-structural Proteins Induce a Cell Cycle Block?
3	177	Tai-Lyn	Wilkerson	Central State University	Accurate Computational Study of Electronic Interaction Energies of Hydrogen Bonding Complexes
1	127	Juan	Wilkins	Elizabeth City State University	Intrapulmonary Arteriovenous Anastomoses Regulate Pulmonary Vascular Pressure During Exercise
1	128	Amber	Williams	Winston Salem State University	Investigating the Anti-bacterial Effects of Diallyl Disulfide
4	334	Charles	Williams	University of the District of Columbia	Streamflow Prediction Based on Least Squares Support Vector Machine
2	202	Janelle	Williams	Virginia State University	Hyperspectral Microwave Atmospheric Sounder Emulator
3	129	Milton	Williams	Fort Valley State University	Complementation of a Chlamydomonas reinhardtii Low Oil Mutant Strain
1	178	Regine	Williams	Alabama A&M University	Synthesis, Spectroscopic Characterization, Structural and Bioactivity Studies of Bis(cyclopentadienyl)titanium(IV) Complexes
2	179	Richard	Williams	Florida Agricultural and Mechanical University	One Step Electrophoresis and Staining

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2	130	Shericka	Williams	Fort Valley State university	Somatic Embryogenesis and Plant Regeneration from Hypocotyl and Leaf Explants of Alfalfa
2	180	Yasmeen	Williams	Elizabeth City State University	Simple, Green and Room Temperature Synthesis of Ascorbic Acid-Capped Zinc Selenide Nanoparticles
3	275	Christopher	Wilson	Alabama A&M University	Characteristics of Non-Flux-Rope Coronal Mass Ejections and Driven Shocks
1	181	Cynthia	Wilson	Oakwood University	Spectrometric Screening of Organic Compounds for use as Photosensitizers in Photodynamic Therapy (PDT) Treatment of Cancer
3	203	Charlesvester	Wims	Alabama A&M University	Concurrent Missile Control & Interception System Simulator
1	131	Annechael	Wood	University of Minnesota	Lung Fibrosis: How the Matrix Affects Cell Function in mice.
3	264	Christopher	Woodward	Morehouse College	Ribbon Lattice High Altitude Research Platform [HARP]
1	335	Lacey	Wright	Auburn University	Collision Avoidance of Multiple UAS Using a Collision Cone-Based Cost Function
4	249	Anthony	Yasuda	university of California, riverside	Rimming Flow of an Oldroyd-B Fluid
2	132	Woldegebriel	Yeiby	University of District of Columbia	Human lung counter receptors for siglec-8 and siglec-9
1	336	Therin	Young	Savannah State University	Rapid Prototyping of Copper Inductor Coils by Mechanical Milling on Rigid and Flexible Substrates for Large-Area-Electronics
2	182	Emanuel	Zlibut	Fisk University	Synthesis of Poly(xylitol sebacic-b-glycolic acid) elastomers with applications in Tissue engineering and Drug Delivery