BOR#_	Name	Institution	Department
001	Berkowitz , Dana Youth in a syringe: o	Louisiana State University gender politics and Botox cosmetic	Sociology
002	Brown , Jeremy Next-generation phy	Louisiana State University Vlogenomics through posterior predictive d	Biological Sciences lata filtering
003	Cai , Steve Exploring the feasib	Louisiana State University illity of geopolymer-based concrete recyclin	Civil & Environmental Engineering ng for civil infrastructure applications
004	Gleason, Evanna Cytosolic chloride le	Louisiana State University evels in nitric oxide producing amacrine ce	Biological Sciences Ils of the avian retina
005	Hart , Craig Investigating the lini	Louisiana State University k between gene regulation and nuclear org	Biological Sciences ganization
006	Hayes , Daniel miRNA delivery syst	Louisiana State University tem directed differentiation of adipose-den	Biological and Agricultural Engineering ived stromal cells
007	Kartika, Rendy Chiral auxiliary med	Louisiana State University iated dynamic resolution of prochrial carbe	Chemistry enium ion: an access to fully substituted carbon
008	Kooima, Robert The Louisiana sky	Louisiana State University	Computer Science
009	Kutter , Thomas Characterization and	Louisiana State University d optimization of large electron multiplier fo	Physics & Astronomy or a dual phase argon time projection chamber
010	Lee , Charles Cell-specific stimula	Louisiana State University tion of auditory cortical circuits	Comparative Biomedical Sciences
011	Lu , Rui The functional role o	Louisiana State University of RSD-2 in RNAi directed antiviral immuni	Biological Sciences ity in Caenorhabditis elegans
012	Martin , Michael Radiation-resistant i	Louisiana State University nano-electro-mechanical memory	Mechanical Engineering

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013	Pettis, Gregg	Louisiana State University	Biological Sciences
	The ecological role of Vibrio vulnificus exopolysaccharide phase variation in surface colonization of copepods		
014	Sarker , Bhaba	Louisiana State University	Construction Mgt & Industrial Engineering
	Procurement, manufacture and supply of components and materials for off-shore wind energy facilities		
-			
015	Srivastava , Ashok	Louisiana State University	Electrical and Computer Engineering
	Mixed-signal trusted hardware for defense, space, homeland and security applications		
016	Urbatsch , Lowell	Louisiana State University	Biological Sciences
010		each by developing a web interface incorporating	-
	into herbaria websites	, , ,	,
017	Veronis , Georgios	Louisiana State University	Electrical & Computer Engineering
	Slow-light enhanced nanosc	cale plasmonic devices	
018	Wahab , Muhammad	Louisiana State University	Mechanical Engineering
	Development and analysis of composite sensors for structural health monitoring of composite pressure vessels		
019	Wei , Shuangqing	Louisiana State University	Electrical and Computer Engineering
	Tradeoff between reliability a	and secrecy of ciphered systems: a systematic st	udy
020	Pan , Hui	LSU Agricultural Center	Dean Lee Research Center
	Study on the demethylation	of lignin to improve its reactivity as a phenol subs	ulute in phenoi-iornialdenyde resin synthesis
. 021	Ditmon W	LSU Agricultural Center	Hill Farm Research Station
O21 Pitman , W. LSU Agricultural Center Hill Farm Research Station Ecological approaches for use of native legumes in Louisiana pastures		Tim Farm Nescardi Station	
	.,	,	
022	Subudhi , Prasanta	LSU Agricultural Center	Plant, Environmental, & Soil Sciences
	Genetic dissection of salt tol	lerance in rice	
023	Wu , Qinglin	LSU Agricultural Center	Renewable Natural Resources
	Biodegradable nano-fibrous	materials modified by biopolymer nanoparticles t	hrough coaxial electrospinning
024	Molina , Patricia	LSU Health Sciences Center - New Orleans	Physiology
	Impact of alcohol intoxication	n on recovery from traumatic brain injury	

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025	Yu , Qingzhao Model guided adaptive design	LSU Health Sciences Center - New Orleans and analysis in computer experiment	School of Public Health
026	DeCoster, Mark Three dimensional cell sphere	Louisiana Tech University oids for multi-scale cell systems	Biomedical Engineering
027	Hegabq , Hisham Microcompressor for gas bas	Louisiana Tech University ed microfluidic devices	Mechanical Engineering
028	Lvov , Yuri Methane storage in clay nand	Louisiana Tech University htube composite for ANG (adsorbed natural gas)	Engineering applications
029	Moore , Brandon Reproductive assessment of	Louisiana Tech University mercury-bioaccumulating aquatic predators	Biological Science
030	Que , Long Fabrication of transparent nat	Louisiana Tech University nostructured microtiter for ultrasensitive protein l	Institute for Micromanufacturing biomarker detection
031	Wang , Jay Energy piles driven in soft cla	Louisiana Tech University yey soil ground with high ground water table	Civil Engineering & Construction Engineering
032	Wasiuddin , Nazimuddin Nanoclay-based modification	Louisiana Tech University s of asphalt binders	Civil Engineering
033	Shanata , Jai Measuring distribution coeffic	Loyola University ients of enzymes in octanol/water	Chemistry
034	Stephenson , Clifton Development of fluourescent	Loyola University xanthene-based mechanophores	Chemistry
035	Bender , Paul Environmental sensor networ	McNeese State University k testbed at LERC	Mathematics, Computer Science & Statistics
036	Nathaniel , Rajkumar Isolation and characterization	Nicholls State University of small peptides with antimicrobial properties f	Biological Sciences from Gar

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037	Sichula, Vincent	Nicholls State University	Physical Sciences
	New organic dye-sensitizers for solar cells with different electron donating moieties		
-			
038	Bossart , Janice	Southeastern Louisiana University	Biological Sciences
	Does landscape connectivity	of pitcher plant bogs predict invertebrate divers	sity of the pitcher inhabitants?
-			
039	Fotie, Jean	Southeastern Louisiana University	Chemistry & Physics
	Transition metal-catalyzed homo-coupling of cyclic amines resulting in N,N-linked cyclic hydrazines		
-			
040	Li , Zhengrong	Southeastern Louisiana University ed monolayer graphene nanosheets	Chemistry & Physics
	Synthesis of free, unsupport	eu monolayer graphene hanosheets	
041	Mitra,Rana	Southeastern Louisiana University	Computer Science & Industrial Technology
041		relding of dissimilar materials comprising alumin	•
	including small offsets in the butt well configuration		
042	Bai , Shuju	Southern University	Computer Science
	Simulating interactions between 5-lipoxygenase and arachidonic acid using computational approaches		
-			
043	Gwee , Nigel	Southern University	Computer Science
	Application of heuristic and machine learning algorithms to solve NP-hard dance choreography problems		
-			
044	Jones , Chanika	Southern University	SU Internat'l Ctr for IT & Development
	Assessing STEM students' of	cognitive learning of EHR technologies: a multi-n	nedia case study approach
-			
045	Jones , Conrad	Southern University	Chemistry
	The application of metal organic framework (MOF) materials in biodiesel production and reversible hydrogenation/dehydrogenation process		
-040	Lors Dui Mor	Courthorn University	Dhyoico
046	Lam , Pui-Man Statistical physics of polyme	Southern University	Physics
	Statistical physics of polymers and DNA under external force		
047	Martiniz- , Eduardo	Southern University	Biological Sciences
		on of retinoic acid-loaded dendrimers for biologic	-
048	Salam,Md Abdus	Southern University	Computer Science
	Enhancement of energy-efficient data aggregation algorithm for wireless sensor networks		
-			

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049	Shaban , Elhag	Southern University	Electrical Engineering
	Development of gas electron multiplier based fluorescence detector for dilute elements		
050	Vincent- , Rachel	Southern University	Computer Science
	Molecular modeling of optica	l coatings	
-			N. d. 10 i M. di . di
051	Belmasrour, Rachid Using new distribution to fit of	Southern University - New Orleans cotton fiber length distribution	Natural Sciences - Mathematics
	comig non alcumounce in a		
052	Marinov,Tchavdar	Southern University - New Orleans	Natural Sciences/Mathematics
	Inverse problems for coeffici	ent identification in Lotka-Volterra and Goodwin	systems of equations
053	Ashbaugh , Henry	Tulane University	Chemical & Biomolecular Engineering
	Protein side-chain interaction	ns with surfactant micelles	
-			
054	Khismatullin, Damir HIFU system for liver tumor a	Tulane University	Biomedical Engineering
	Till O System for liver turnor t	abiation	
055	Kim , Dae Ho	Tulane University	Physics and Engineering Physics
	Modulation of ferroelectricity by epitaxial strain in thin films of perovskite oxides		
056	Talbayev , Diyar	Tulane University	Physics
	Development of an intense p	oulsed terahertz light source based on tilted-wave	efront optical excitation for pump-probe and
-		(40)	
057	Bellows, Charles	Tulane Health Sciences Center	Surgery
	The effect of bariatric surger	y on circulating mesenchymal stromal cells	
058	Bunnell , Bruce	Tulane Health Sciences Center	Pharmacology
030		ngs for use in transplantation	Hamasosy
059	Do , Mai	Tulane Health Sciences Center	Global Health Systems and Development
	Acculturation and mental-illn	ess-related stigma among Vietnamese New Orle	eanians
-			
060	Wang , He	Tulane Health Sciences Center	Global Environmental Health Sciences
	Autophagy of mesenchymal	stem cells induced by titanium dioxide nanopart	icles

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061	Houston, Louis Tomography software for so	University of Louisiana at Lafayette anning transmission ion micro tomography	Physics
062	Khattak , Mohammad Performance enhancement	University of Louisiana at Lafayette of carbon nanofibers (CNF) reinforced peizoele	Civil Engineering ctric polymers
063	Liu , Yucheng Development of cross-section	University of Louisiana at Lafayette anal warping functions for modeling thin-walled	Mechanical Engineering beam's buckling during dynamic analysis
064	Wang,Yi-Hong Mapping glucose conversion	University of Louisiana at Lafayette n yield for increased biofuel production in sorgh	Biology um
065	Xu,Wu Biochemical and computation	University of Louisiana at Lafayette anal studies of a hypothetical protein SIr110 of S	Chemistry Synechocystis sp. PCC 6803
066	Bhattacharjee , Joydeep Primary production and carb	University of Louisiana at Monroe on sequestration potential of high altitude wetla	Biology ands in the Himalayas
067	El-Giar, Emad Electropolymerized polyphe	University of Louisiana at Monroe nols coatings for corrosion protection of steel al	Chemistry loys
068	Liu , Yong-Yu Pre-mRNA splicing determin	University of Louisiana at Monroe nes the expression of wild-type or mutant p53 in	Basic Pharmaceutical Sciences
069	Minton , Russell Inter-simple sequence repea	University of Louisiana at Monroe ats as population markers in freshwater snail	Biology
070	Akyuzlu , Kazim Non-intrusive temperature, v	University of New Orleans velocity, and species concentration measureme	Mechanical Engineering nts in chemically reacting turbulent flows
071		University of New Orleans In of the major histocompatibility complex in the ost-parasite evolution in Caribbean anoles	Biological Sciences green anole Anoliscarolensis: development of a
072	Caruntu, Gabriel Soft solution processing of in	University of New Orleans nterface engineered ceramic magnetoelectric na	Chemistry anocomposites

Department

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Name

073	Ghose-Hajra , Malay Study of sedimentation cha	University of New Orleans racteristics of dredged sediment using col	Civil & Environmental Engineering Jumn settling test apparatus
074	Li,X. Rong Toward a general approach	University of New Orleans to performance evaluation	Electrical Engineering
075	Liu , Zhengchang Regulation of TORC2 signa	University of New Orleans aling by FAM40A/B and PP2A in HeLa cell	Biological Sciences
076	Malkinski , Leszek Fabrication and properties	University of New Orleans of convoluted magnetic film architectures	Physics/AMRI
077	Scaramella , Laura University of New Orleans Psychology Identifying links among level of environmental stress, the HPA axis, and responsive parenting among mothers of newborr infants		
078	Shirtcliff, Elizabeth Oxytocin provides insight in	University of New Orleans ato social support in couples during stress	Psychology