

**University of Louisville**  
**Conn Center for Renewable Energy Research**  
Impact Reporting: Publications 2016  
Rev. 06/2024, WoS by AM

2016		PUBLICATIONS BY YEAR	CONN CENTER STAFF & ASSOCIATED FACULTY		8.415	3999	47	23	70	5.42	963	13.97	3036
#	INDEX	AUTHORS	TITLE	JOURNAL	IMPACT FACTOR (IF)	CITATIONS (CIT)	ASSOC FAC (AF) PUB	CONN STAFF (CS)-DRIVEN PUB	TOTAL PUBS	IF AF	CIT AF	IF CS	CIT CS
1	AJA	Ajayi, BP ; Kumari, S ; Jaramillo-Cabanzo, D ; Spurgeon, J ; Jasinski, J ; Sunkara, M	A rapid and scalable method for making mixed metal oxide alloys for enabling accelerated materials discovery	JOURNAL OF MATERIALS RESEARCH	2.7	27		1	1				
2	ASA	Asadi, M ; Kim, K ; Liu, C ; Addepalli, AV ; Abbasi, P ; Yasaei, P ; Phillips, P ; Behranginia, A ; Cerrato, JM ; Haasch, R ; Zapol, P ; Kumar, B ; Klie, RF ; Abiade, J ; Curtiss, LA ; Salehi-Khojin, A	Nanostructured transition metal dichalcogenide electrocatalysts for CO2 reduction in ionic liquid	SCIENCE	56.9	862		1	1				
3	BAR	Barrio, P ; Kumar, M ; Lu, ZC ; Han, JB ; Xu, B ; Hammond, GB	Acidic Co-Catalysts in Cationic Gold Catalysis	CHEMISTRY-A EUROPEAN JOURNAL	4.3	25	1		1				
4	BEH	Behranginia, A ; Asadi, M ; Liu, C ; Yasaei, P ; Kumar, B ; Phillips, P ; Foroozan, T ; Waranius, JC ; Kim, K ; Abiade, J ; Klie, RF ; Curtiss, LA ; Salehi-Khojin, A	Highly Efficient Hydrogen Evolution Reaction Using Crystalline Layered Three-Dimensional Molybdenum Disulfides Grown on Graphene Film	CHEMISTRY OF MATERIALS	8.6	103		1	1				
5	BER	Berfield, TA ; Kitey, R ; Kandula, SS	Adhesion strength of lead zirconate titanate sol-gel thin films	THIN SOLID FILMS	2.1	10	1		1				
6	BUR	Burns, Christopher; Nantz, Michael; Satyavolu, Jagannadh	Synthesis of biorenewable C5 compounds utilizing D-xylose obtained from agricultural biomass	Abstracts of Papers of the American Chemical Society		0		1	1				
7	COH	Cohn, RW ; Panchapakesan, B	Spatially Nonuniform Heating and the Nonlinear Transient Response of Elastomeric Photomechanical Actuators	ACTUATORS	2.6	1	1		1				
8	COH	Cohn, RW ; Panchapakesan, B	Ultraflexible nanostructures and implications for future nanorobots	SENSORS FOR NEXT-GENERATION ROBOTICS III		0	1		1				
9	CRA	Crain, MM ; McNamara, S ; Depuy, G ; Keynton, RS	Formation of SiO2/Si3N4/SiO2 Positive and Negative Electrets on a Silicon Substrate	JOURNAL OF MICROELECTROMECHANICAL SYSTEMS	2.7	7	1		1				
10	CUM	Cummins, Dustin R.; Martinez, Ulises; Sherehiy, Andriy; Kappera, Rajesh; Martinez-Garcia, Alejandro; Schulze, Roland K.; Jasinski, Jacek; Zhang, Jing; Gupta, Ram K.; Lou, Jun; Chhowalla, Manish; Sumanasekera, Gamini; Mohite, Aditya D.; Sunkara, Mahendra K.; Gupta, Gautam	Efficient hydrogen evolution in transition metal dichalcogenides via a simple one-step hydrazine reaction	Nature Communications	16.6	204		1	1				
11	DAS	Dasari, R ; Zamborini, FP	Surface Enhanced Raman Spectroscopy at Electrochemically Fabricated Silver Nanowire Junctions	ANALYTICAL CHEMISTRY	7.4	21	1		1				
12	DHA	Dharmadasa, IM ; Ehendru, OK ; Fauzi, F ; Salim, HI ; Abdul-Manaf, NA ; Jasinski, JB ; Sherehiy, A ; Sumanasekera, G	Study of Fermi level position before and after CdCl2 treatment of CdTe thin films using ultraviolet photoelectron spectroscopy	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2.8	10		1	1				
13	EBR	Ebrahimi, M ; Kazemi, H ; Mirbagheri, SA ; Rockaway, TD	An optimized biological approach for treatment of petroleum refinery wastewater	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	7.7	45	1		1				
14	FEN	Feng, XH ; Zong, ZW ; Elsaiddi, SK ; Jasinski, JB ; Krishna, R ; Thallapally, PK ; Carreon, MA	Kr/Xe Separation over a Chabazite Zeolite Membrane	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	15	114	1		1				
15	GUO	Guo, YS ; Lian, YS ; Sussman, M	Investigation of drop impact on dry and wet surfaces with consideration of surrounding air	PHYSICS OF FLUIDS	4.6	70	1		1				
16	GUP	Gupta, M ; He, J ; Nguyen, T ; Petzold, F ; Fonseca, D ; Jasinski, JB ; Sunkara, MK	Nanowire catalysts for ultra-deep hydro-desulfurization and aromatic hydrogenation	APPLIED CATALYSIS B-ENVIRONMENTAL	22.1	56		1	1				
17	HAD	Haddad, AZ ; Garabato, BD ; Kozlowski, PM ; Buchanan, RM ; Grapperhaus, CA	Beyond Metal-Hydrides: Non-Transition-Metal and Metal-Free Ligand-Centered Electrocatalytic Hydrogen Evolution and Hydrogen Oxidation	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	15	111	1		1				
18	HAN	Han, X ; Mendes, SB	Spectroelectrochemical properties of ultra-thin indium tin oxide films under electric potential modulation	THIN SOLID FILMS	2.1	14	1		1				
19	HAS	Hasanzadeh, B ; Liu, FJ ; Sun, ZH	Monitoring hydration of UHPC and conventional paste by quantitative analysis on Raman patterns	CONSTRUCTION AND BUILDING MATERIALS	7.4	34	1		1				

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20	HOR	Hord, K ; Lian, YS	Leading Edge Vortex Circulation Development on Finite Aspect Ratio Pitch-Up Wings	AIAA JOURNAL	2.5	12	1		1
21	JAI	Jain, R ; Gibson, TJ ; Mashuta, MS ; Buchanan, RM ; Grapperhaus, CA	Copper catalysed aerobic oxidation of benzylic alcohols in an imidazole containing N-4 ligand framework	DALTON TRANSACTIONS	4	14	1		1
22	JAV	Javadi, S ; Abdollahian, S ; Zhao, Q ; Ghavami, M ; Rockaway, T	Effectiveness of Heavy Metal Removal in Urban Permeable Pavement Systems	Geo-Chicago 2016: Sustainable Waste Management and Remediation		7	1		1
23	KAT	Kate, KH ; Enneti, RK ; Atre, SV	Influence of feedstock properties on the injection molding of aluminum nitride	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	3.4	5	1		1
24	KAT	Kate, KH ; Enneti, RK ; McCabe, T ; Atre, SV	Simulations and injection molding experiments for aluminum nitride feedstock	CERAMICS INTERNATIONAL	5.2	13	1		1
25	KIM	Kimmer, CJ ; Harnett, CK	COMBINING STRINGS AND FIBERS WITH ADDITIVE MANUFACTURING DESIGNS	PROCEEDINGS OF THE ASME INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCES AND COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE, 2016, VOL 4		1	1		1
26	KUM	Kumar, B ; Brian, JP ; Atta, V ; Kumari, S ; Bertram, KA ; White, RT ; Spurgeon, JM	Controlling the Product Syngas H-2:CO Ratio through Pulsed-Bias Electrochemical Reduction of CO2 on Copper	ACS CATALYSIS	12.9	114		1	1
27	KUM	Kumar, B ; Brian, JP ; Atta, V ; Kumari, S ; Bertram, KA ; White, RT ; Spurgeon, JM	New trends in the development of heterogeneous catalysts for electrochemical CO2 reduction	CATALYSIS TODAY	5.3	288		1	1
28	KUM	Kumari, S ; White, RT ; Kumar, B ; Spurgeon, JM	Solar hydrogen production from seawater vapor electrolysis	ENERGY & ENVIRONMENTAL SCIENCE	32.5	74		1	1
29	LAT	Latham, J ; McIntyre, ML ; Mohebbi, M	Parameter Estimation and a Series of Nonlinear Observers for the System Dynamics of a Linear Vapor Compressor	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	7.7	32	1		1
30	LAV	Lavery, BW ; Kumari, S ; Koneermann, H ; Draper, GL ; Spurgeon, J ; Druffel, T	Intense Pulsed Light Sintering of CH3NH3PbI3 Solar Cells	ACS APPLIED MATERIALS & INTERFACES	9.5	65		1	1
31	LAV	Lavery, TDB ; Ankireddy, K ; Thad Druffel	Rapid Processing by Intense Pulsed Light of a CH3NH3PbI3 Perovskite Thin Film for Photovoltaics	2016 IEEE 43RD PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC)		2		1	1
32	LIU	Liu, FJ ; Sun, ZH	Chemical mapping of cement pastes by using confocal Raman spectroscopy	FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING	3	22	1		1
33	LIU	Liu, FJ ; Sun, ZH	Study of Hydration Process of Cement Paste with Chemical Mapping	ACI MATERIALS JOURNAL	1.7	0	1		1
34	LOE	Loeian, MS ; Cohn, RW ; Panchapakesan, B	A Thermoacoustic Model for High Aspect Ratio Nanostructures	ACTUATORS	2.6	3	1		1
35	LOO	Loomis, J ; Ratnayake, D ; McKenna, C ; Walsh, KM	Grayscale lithography-automated mask generation for complex three-dimensional topography	JOURNAL OF MICRO-NANOLITHOGRAPHY MEMS AND MOEMS	2	17	1		1
36	LU	Lu, J ; Lee, YJ ; Luo, XY ; Lau, KC ; Asadi, M ; Wang, HH ; Brombosz, S ; Wen, JG ; Zhai, DY ; Chen, ZH ; Miller, DJ ; Jeong, YS ; Park, JB ; Fang, ZZ ; Kumar, B ; Salehi-Khojin, A ; Sun, YK ; Curtiss, LA ; Amine, K	A lithium-oxygen battery based on lithium superoxide	NATURE	64.8	691		1	1
37	LU	Lu, ZC ; Hetman, Z ; Hammond, GB ; Xu, B	Simultaneous rapid reaction workup and catalyst recovery	GREEN CHEMISTRY	9.8	1	1		1
38	LUC	Lucas, TM ; Porter, DA ; Beharic, J ; Berfield, TA ; Harnett, CK	Bistability in a symmetric out-of-plane microstructure	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	2.1	2	1		1
39	LUI	Luitel, T ; Fernando, K ; Tatum, BS ; Alphenaar, BW ; Zamborini, FP	Increased efficiency of dye-sensitized solar cells by addition of rare earth oxide microparticles into a titania acceptor	ELECTROCHIMICA ACTA	6.6	13	1		1
40	MAL	Mallajosyula, AT ; Fernando, K ; Bhatt, S ; Singh, A ; Alphenaar, BW ; Blancon, JC ; Nie, W ; Gupta, G ; Mohite, AD	Large-area hysteresis-free perovskite solar cells via temperature controlled doctor blading under ambient environment	APPLIED MATERIALS TODAY	8.3	84	1		1
41	MAS	Masitas, RA ; Allen, SL ; Zamborini, FP	Size-Dependent Electrophoretic Deposition of Catalytic Gold Nanoparticles	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	15	53	1		1

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42	NGU	Nguyen, TQ ; Alta, V ; Vendra, VK ; Thapa, AK ; Jasinski, JB ; Druffel, TL ; Sunkara, MK	Scalable solvo-plasma production of porous tin oxide nanowires	CHEMICAL ENGINEERING SCIENCE	4.7	18		1	1
43	NUT	Nutakki, GC ; Nasraoui, O	Compartmentalized Adaptive Topic Mining on Social Media Streams	2016 IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIG DATA)		1	1		1
44	PAR	Parsons, AM ; Sharp, MK	THE POTENTIAL OF SKY RADIATION WITH CHANGE IN DESIGN PARAMETERS	PROCEEDINGS OF THE ASME 10TH INTERNATIONAL CONFERENCE ON ENERGY SUSTAINABILITY, 2016, VOL 1		2	1		1
45	PAU	Paul, AC ; Reza, MA ; Liu, JJ	Dispersed-fluorescence spectroscopy of jet-cooled calcium ethoxide radical CaoC(2)H(5)	JOURNAL OF MOLECULAR SPECTROSCOPY	1.4	11	1		1
46	PON	Ponnamma, D ; Sadasivuni, KK ; Cabibihan, JJ ; Yoon, WJ ; Kumar, B	Reduced graphene oxide filled poly(dimethyl siloxane) based transparent stretchable, and touch-responsive sensors	APPLIED PHYSICS LETTERS	4	37		1	1
47	POT	Poteat, LS ; Sharp, MK	SOLAR LOAD RATIO PARAMETERS FOR A PASSIVE SOLAR HEAT PIPE SYSTEM	PROCEEDINGS OF THE ASME 9TH INTERNATIONAL CONFERENCE ON ENERGY SUSTAINABILITY, VOL 1		0	1		1
48	RAD	Radfar, A ; Rockaway, TD	Captured Runoff Prediction Model by Permeable Pavements Using Artificial Neural Networks	JOURNAL OF INFRASTRUCTURE SYSTEMS	3.3	11	1		1
49	RAD	Radfar, Ata ; Rockaway, Thomas Doan	Clogging Prediction of Permeable Pavement	Journal of Irrigation and Drainage Engineering	2.6	16	1		1
50	RAH	Rahneshin, V ; Khosravi, F ; Ziolkowska, DA ; Jasinski, JB ; Panchapakesan, B	Chromatic Mechanical Response in 2-D Layered Transition Metal Dichalcogenide (TMDs) based Nanocomposites	SCIENTIFIC REPORTS	4.6	24		1	1
51	RAJ	Rajamanickam, N ; Kumari, S ; Vendra, VK ; Lavery, BW ; Spurgeon, J ; Druffel, T ; Sunkara, MK	Stable and durable CH3NH3PbI3 perovskite solar cells at ambient conditions	NANOTECHNOLOGY	3.5	63		1	1
52	RAJ	Rajamanickam, N ; Soundarajan, P ; Vendra, VK ; Jasinski, JB ; Sunkara, MK ; Ramachandran, K	Efficiency enhancement of cubic perovskite BaSnO3 nanostructures based dye sensitized solar cells	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	3.3	40		1	1
53	RAT	Ratnayake, D ; Walsh, KM	Invar Thin Films for MEMS Bistable Devices	SOUTHEASTCON 2016		4	1		1
54	REZ	Reza, MA ; Paul, AC ; Reilly, NJ ; Alam, J ; Liu, JJ	Dispersed Fluorescence Spectroscopy of Jet-Cooled Isobutoxy and 2-Methyl-1-butoxy Radicals	JOURNAL OF PHYSICAL CHEMISTRY A	2.9	3	1		1
55	RUS	Russ, DC ; Berson, RE	Computationally determined just suspended speed using multiphase mean age theory	CHEMICAL ENGINEERING RESEARCH & DESIGN	3.9	6	1		1
56	RUS	Russ, DC ; Berson, RE	Mean age theory in multiphase systems	CHEMICAL ENGINEERING SCIENCE	4.7	11	1		1
57	RUS	Russell, HB ; Andriotis, AN ; Menon, M ; Jasinski, JB ; Martinez-Garcia, A ; Sunkara, MK	Direct Band Gap Gallium Antimony Phosphide (GaSbxP1-x) Alloys	SCIENTIFIC REPORTS	4.6	36		1	1
58	SAL	Salgaeva, UO ; Volyncey, AB ; Mendes, SB	Surface modification of optical materials with hydrogen plasma for fabrication of Bragg gratings	APPLIED OPTICS	1.9	2	1		1
59	SCH	Schuppert, ND ; Mukherjee, S ; Bates, AM ; Son, EJ ; Choi, MJ ; Park, S	Ex-situ X-ray diffraction analysis of electrode strain at TiO2 atomic layer deposition/alpha-MoO3 interface in a novel aqueous potassium ion battery	JOURNAL OF POWER SOURCES	9.2	42	1		1
60	SHU	Shuvra, PD ; McNamara, S ; Lin, JT ; Alphenaar, B ; Walsh, K ; Davidson, J	Axial asymmetry for improved sensitivity in MEMS piezoresistors	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	2.3	7	1		1
61	SON	S'ong, ZN ; Nambo, A ; Tate, KL ; Bao, AN ; Zhu, MQ ; Jasinski, JB ; Zhou, SJJ ; Meyer, HS ; Carreon, MA ; Li, SG ; Yu, M	Nanovalved Adsorbents for CH4 Storage	NANO LETTERS	10.8	18		1	1
62	THO	Thomas, S ; Bates, A ; Park, S ; Sahu, AK ; Lee, SC ; Son, BR ; Kim, JG ; Lee, DH	An experimental and simulation study of novel channel designs for open-cathode high-temperature polymer electrolyte membrane fuel cells	APPLIED ENERGY	11.2	36	1		1
63	TOM	Toma, FM ; Cooper, JK ; Kunzelmann, V ; McDowell, MT ; Yu, J ; Larson, DM ; Borys, NJ ; Abelyan, C ; Beeman, JW ; Yu, KM ; Yang, JH ; Chen, L ; Shaner, MR ; Spurgeon, J ; Houle, FA ; Persson, KA ; Sharp, ID	Mechanistic insights into chemical and photochemical transformations of bismuth vanadate photoanodes	NATURE COMMUNICATIONS	16.6	270		1	1

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64	WAT	Watson, E ; McIntyre, M	PV System Architecture Improvement using nano-LAPS Boost Converter to Eliminate Cell Failure Downtime	2016 IEEE 43RD PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC)		0	1		1
65	YAN	Yang, Y ; Cornwell, LB ; Ibanez, FJ ; Zamborini, FP	Chemiresistor Arrays Prepared by Simple and Fast Vapor-Phase Thiol Place-Exchange Functionalization of Gold Monolayer-Protected Cluster Films	CHEMELECTROCHEM	4	7	1		1
66	ZHA	R. Zhao, T. Afaneh, R. Dharmasena, J. Jasinski, G. Sumanasekera, V. Henner	Study of nitrogen doping of graphene via in-situ transport measurements	Physica B: Condensed Matter 490, 21-24	2.8	10		1	1
67	ZHA	Zhang, Wei; Sathitsuksanoh, Noppadon; Barone, Justin R.; Rennecker, Scott	Enhanced enzymatic saccharification of pretreated biomass using glycerol thermal processing (GTP)	Bioresource Technology	11.4	37	1		1
68	ZHA	Zhang, Wei; Sathitsuksanoh, Noppadon; Simmons, Blake A.; Frazier, Charles E.; Barone, Justin R.; Rennecker, Scott	Revealing the thermal sensitivity of lignin during glycerol thermal processing through structural analysis	Rsc Advances	3.9	21	1		1
69	ZHA	Zhang, WY ; Saraei, N ; Nie, HL ; Vaughn, JR ; Jones, AS ; Mashuta MS ; Buchanan, RM ; Grapperhaus, CA	Reversible methanol addition to copper Schiff base complexes: a kinetic, structural and spectroscopic study of reactions at azomethine C = N bonds	DALTON TRANSACTIONS	4	15	1		1
70	ZIO	Ziolkowska, DA ; Jasinski, JB ; Hamankiewicz, B ; Korona, KP ; Wu, SH ; Czerwinski, A	In Situ XRD and TEM Studies of Sol-Gel-Based Synthesis of LiFePO4	CRYSTAL GROWTH & DESIGN	3.8	24		1	1

PERSONNEL 2016	ASSOCIATED FACULTY	DEPARTMENT, COLLEGE	44
	Alexander, Suraj	Industrial Engineering, JB Speed School of Engineering	1
	Alphenaar, Bruce	Electrical & Computer Engineering, JB Speed School of Engineering	1
	Amos, Delaina	Chemical Engineering, JB Speed School of Engineering	1
	Atre, Sundar	Mechanical Engineering, JB Speed School of Engineering	1
	Bai, Lihui	Industrial Engineering, JB Speed School of Engineering	1
	Baldwin, Richard	Chemistry, College of Arts & Sciences	1
	Berfield, Thomas	Mechanical Engineering, JB Speed School of Engineering	1
	Berson, Eric	Chemical Engineering, JB Speed School of Engineering	1
	Buchanan, Robert	Chemistry, College of Arts & Sciences	1
	Burns, Chris	Chemistry, College of Arts & Sciences	1
	Carriero, Margaret	Biology, College of Arts & Sciences	1
	Cohn, Robert	Electrical & Computer Engineering, JB Speed School of Engineering	1
	Dowling, Timothy	Physics & Astronomy, College of Arts & Sciences	1
	Elmaghraby, Adel	Computer Science & Engineering, JB Speed School of Engineering	1
	French, Mark	Civil & Environmental Engineering, JB Speed School of Engineering	1
	Frigui, Hichem	Computer Science & Engineering, JB Speed School of Engineering	1
	Fu, Xiao-An "Sean"	Chemical Engineering, JB Speed School of Engineering	1
	Grapperhaus, Craig	Chemistry, College of Arts & Sciences	1
	Hammond, Gerald GB	Chemistry, College of Arts & Sciences	1
	Harnett, Cindy	Electrical & Computer Engineering, JB Speed School of Engineering	1
	Jayanthi, Chakram	Physics & Astronomy, College of Arts & Sciences	1
	Lian, Yongsheng	Mechanical Engineering, JB Speed School of Engineering	1
	Liu, Jinjun	Chemistry, College of Arts & Sciences	1
	McGinley, Mark	Civil & Environmental Engineering, JB Speed School of Engineering	1
	McIntyre, Michael	Electrical & Computer Engineering, JB Speed School of Engineering	1
	McNamara, Shamus	Electrical & Computer Engineering, JB Speed School of Engineering	1
	Mendes, Sergio	Physics & Astronomy, College of Arts & Sciences	1
	Naber, John	Electrical & Computer Engineering, JB Speed School of Engineering	1
	Nantz, Michael	Chemistry, College of Arts & Sciences	1
	Nasraoui, Oifa	Computer Science & Engineering, JB Speed School of Engineering	1
	Park, Sam	Mechanical Engineering, JB Speed School of Engineering	1
	Prater, Glen	Mechanical Engineering, JB Speed School of Engineering	1

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Ramazanipour, Farshid	Chemistry, College of Arts & Sciences	1
Rockaway, Thomas	Civil & Environmental Engineering, JB Speed School of Engineering	1
Running, Mark	Biology, College of Arts & Sciences	1
Schultz, David	Biology, College of Arts & Sciences	1
Sharp, Keith	Mechanical Engineering, JB Speed School of Engineering	1
Starr, Thomas	Chemical Engineering, JB Speed School of Engineering	1
Sun, Zhihui	Civil & Environmental Engineering, JB Speed School of Engineering	1
Tseng, Michael	Anatomical Sciences & Neurobiology, School of Medicine	1
Walsh, Kevin	Electrical & Computer Engineering, JB Speed School of Engineering	1
Willing, Gerold	Chemical Engineering, JB Speed School of Engineering	1
Yang, Li	Industrial Engineering, JB Speed School of Engineering	1
Zamborini, Frank	Chemistry, College of Arts & Sciences	1

CENTER STAFF		28
Ankireddy, Krishnamraju	Postdoctoral Associate	1
Chauduri, Indira	Postdoctoral Associate	1
Covington, Kirk	Consultant	1
Devore, Clyde	Outreach Project Coordinator	1
Druffel, Thad	Sr. Research Scientist/Engineer	1
Gebbie, Robert	Consultant	1
Hemple, Richard	Research Associate	1
Hickman, Bob	Sr. Research Scientist/Engineer	1
Jasinski, Jacek	Sr. Research Scientist/Engineer	1
John, Prathdap	Research Associate	1
Kim, Eurick	Postdoctoral Associate	1
Krentsel, Tatiana	Research Manager	1
Kumar, Bijandra	Postdoctoral Associate	1
Kumari, Sudesh	Postdoctoral Associate	1
Marsh, Andrew	Assistant Director/Program Officer	1
Moreira, Jose	External Reviewer	1
Paxton, William "Hank"	Research Associate	1
Ramezanipour, Farshid	Summer Faculty, Chemistry, College of Arts & Sciences	1
Ravipati, Srikanth	Postdoctoral Associate	1
Salazar, Eunice	Business Manager	1
Sathitsukanoah, Noppadon	Summer Faculty, Chemical Engineering, JB Speed School of Engineering	1
Satyavolu, Jagannadh	Sr. Research Scientist/Engineer	1
Spurgeon, Joshua	Sr. Research Scientist/Engineer	1
Sumanasekera, Gamini	Theme Leader, Physics & Astronomy, College of Arts & Sciences	1
Sunkara, Mahendra	Director, Chemical Engineering, JB Speed School of Engineering	1
Thapa, Arjun	Postdoctoral Associate	1
Thilakarathne, Chamila	Postdoctoral Associate	1
Ziolkowska, Dominika	Postdoctoral Associate	1

VISITING SCHOLARS		5
Li, Li	Research Scholar, CHINA	1
Liang, Qingcheng	Research Scholar, CHINA	1
Rao, K. Ramachandra	Research Scholar, INDIA	1
Valbuena, Maria Paula	Visiting PhD student Scholar, COLUMBIA	1
Vasiraju, Venkata	Undergrad Intern, US	1