

Editor in Chief Chemosphere

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University of Arizona – Tucson, Arizona USA "Over \$610,000,000/year in Research Expenditure"

Expenditures (\$1,000's)	Institution Name
\$656,967	Yale University
\$655,375	Georgia Institute Of Technology
\$649,774	Harvard University
\$632,171	University of Texas
\$618,980	Northwestern University
\$610,565	University Of Arizona
	Expenditures (\$1,000's) \$656,967 \$655,375 \$649,774 \$632,171 \$618,980 \$610,565



An article published recently in the peer-reviewed journal Science of the Total Environment found the University of Arizona to be the most productive university in the United States for top-cited publications pertaining to the field of "environmental science"—and the fourth most productive institution in this regard

The authors employed the Thompson Reuters Web of Science database to measure institutional The database of input/get and moniport reducts where of occurre database of management and an analysis of the providence of the operation of the providence of the providence



Top-cited articles in environmental sciences: Merits and demerits of citation analysis Moonis Ali Khan ª, Yuh-Shan Ho b,* rsity Rivadh 11451 Saudi Arabia

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Tucson, other cities could be hit by CAP shortage much sooner than expected

JUNE 15, 2014 12:00 AM · BY TONY DAVIS

For the first time, the state agency that operates the multibillion-dollar Central Arizona Project warns that water shortages could hit Tucson and Phoenix as soon as five years from now.



































































A	8	Indi	Cator Example – Secondary WWTP Faster transformation during secondary treatment			
			Bio Recalcitrant <0.1	transformation (K _b , Moderate Slow 0.1-10	L/g-d) Rapid >10	
on during satment	l K _d)	Low <2.5	Carbamazepine Meprobamate Primidone TCEP Sucralose	DEET Sulfamethoxazole Gemfibrozil Iopromide	Acetaminophen Caffeine Naproxen Ibuprofen Atenolol	
her sorptio ondary tre	Sorption (log	Sorptive 2.5-3	ТСРР	Cimetidine Trimethoprim	Benzophenone Diphenhydramine Bisphenol A	
Hig		Effective >3	Triclocarban		Triclosan Fluoxetine	

























































































	lucocorticoids Am	ong Me	ost Widely	Used Drugs		
Amount pres	cribed in UK (2006)	Me	dicare drug	us USA (2013)		
Class Prescribed		TOP 1 RANKE	TOP 10 MEDICARE TRADITIONAL THERAPY DRUGS RAPHED BY 2013 PMPY SPEND			
	(Kg)	RANK	DRUG NAME	THERAPY CLASS		
Estrogens	480	1	Nessun ⁴ (esonoprazole maneciant)	Ulcer Droease		
Androgens	307	2	Lastus* (insulis glaigine)	Diabetes		
Progestogens	s 1705		Ciestoi® (socurastatia)	High Blood Cholesterol		
Glucocorticoi	ids 4368		propionals / calmederal) Sprive [®] Handilater [®] (indexecut)	core		
Huma An In	in and Ecological Risk Assessment: ternational Journal	. A. J.	Ability ^a Carialprazsini	Mental / Neurolegical Disarders		
Remark and Publicator	on details, including instructions for authors and then information:	1	Cynhalta® (duioertine)	Depression		
Romanuel http://ww	ww.tandfordine.com/kd/blwr20	. 8	Namenda* (memanting)	Mental / Neurological Disorders		
Pharm Envir	naceuticals in the Aquatic	. 9	Jampvie ^{te} (sitagliptin)	Diabetes		
as Hig	gh Priorities for Research	10	atovastatie	Wigh Bland Cholesterol		
Tensis J. Sume Kapitas ! Sustatas Nobleme Publisher	Renatio *, Lung Hargintta-Casalus *, Sobramanian *S. John P. Sungtan * e for the Environment , Branel University , Ukbridge, s, UK d online: 15 Dec 2010.		Source: The 201 Express	'3 Drug Trend Report, s Scripts Lab.		

Glucocorticoids in environmental waters Compared to estrogenic compounds, limited studies have investigated the occurrence and behavior of GCs in environmental waters.						
Country	Number of investigated cpds	Concentration range (ng/L)	In vitro GR bioactivity (Dex-EQ, ng/L)	Mass Balance	Ref.	
Australia	NA	NA	81	NA	Water Res 2014, 49, 300.	
USA	NA	NA	16-90	NA	Water Res 2015, 80, 1. Water Res 2015, 83, 303.	
China	7	<lod-3.4< td=""><td>NA</td><td>NA</td><td>Environ Sci Technol 2007, 41, 3462. Environ Sci Technol 2011, 45, 2725.</td></lod-3.4<>	NA	NA	Environ Sci Technol 2007, 41, 3462. Environ Sci Technol 2011, 45, 2725.	
France	9	3-229	NA	NA	Talanta 2008, 74, 1463.	
Netherlands	18	ND-14	11-38	Maybe	Environ Sci Technol 2008, 42, 5814. Environ Sci Technol 2010, 44, 4766.	
Japan	10	<lod-7.6< td=""><td><3-78</td><td>NO</td><td>Sci Total Environ 2015, 527, 328. Environ Toxicol Chem 2015, doi: 10.1002/etc.3136.</td></lod-7.6<>	<3-78	NO	Sci Total Environ 2015, 527, 328. Environ Toxicol Chem 2015, doi: 10.1002/etc.3136.	
Switzorland	~23	<lod-29< td=""><td>30</td><td>NO</td><td>Anal Bioanal Chem 2014, 406, 7653.</td></lod-29<>	30	NO	Anal Bioanal Chem 2014, 406, 7653.	

