EDEN PARK
ILLUMINATION

Industry Research Inventory - as of 12.14.2020

Note: Green PDFs have no web link... they are direct PDFs on the EPI website: EdenPark.com

DATE	WEB DISPLAY	MEDIA CATEGORY	SOURCE	ITEM	LINK	PDF
coming soon	Industry Research	STUDY	Seoul National University	The Eden Park lamp kills the covid-19 virus effectively. 99% kill rate in under 1 min. at 4 cm distance; 99.9% kill rate in 10 seconds.	does not yet exist	does not yet exist
Article IN PRESS	Industry Research	ARTICLE	Elsevier / Chemical Engineering Journal	Inactivation of microorganisms by newly emerged microplasma UV lamps	*coming soon*	PDF: Inactivation_of_microorganisms_by_UV_lamps.pdf
11/12/2020	Industry Research	ARTICLE	Nature / Scientific Reports	Predicting airborne coronavirus inactivation by far-UVC in populated rooms using a high-fidelity coupled radiation-CFD model	https://www.nature.com/articles/s41598-020-76597-y	N/A
8/31/2020	Industry Research	VIDEO	Ted Talk	David Brenner: Can light stop the coronavirus?	https://youtu.be/zeBLHx-OzLE	N/A
8/12/2020	Industry Research	ARTICLE	PLOS ONE	Exploratory clinical trial on the safety and bactericidal effect of 222-nm ultraviolet C irradiation in healhty humans	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0235948	N/A
7/30/2020	Industry Research	White Paper	Phoseon	Best wavelengths for disinfection in the age of Sars-CoV-2 (corona-virus)	N/A	PDF: WP_Best-UV-wavelengths-for-disinfection-in-the-age-of-coronavirus-final.pdf
7/30/2020	INdustry Research	ARTICLE	NEMA	UVC germicidal devices: what consumers need to know	N/A	RA_2020_0730_UL CT_26219573_UVC-Germicidal-Devices-flyer_digital_FINAL_073020.pdf
6/24/2020	Industry Research	STUDY	Columbia University	Far UVC Safely and Effectively kills airborne coronaviruses.	https://www.cuimc.columbia.edu/news/far-uvc-light-safely-kills-airborne-coronaviruses#	N/A
6/24/2020	Industry Research	ARTICLE	Nature / Scientific Reports	Far-UVC light (222nm) efficiently and safely inactivates airborne human coronaviruses.	https://www.nature.com/articles/s41598-020-67211-2	N/A
6/24/2020	Industry Research	ARTICLE	Science Daily	Far-UVC light safely kills airborne coronoaviruses, study finds	https://www.sciencedaily.com/releases/2020/06/200624172050.htm	N/A
6/18/2020	Industry Research	ArtICLE	ACS Nano	Back to Normal: An Old Physics Route to Reduce SARS-CoV-2 Transmission in Indoor Spaces.	https://pubs.acs.org/doi/10.1021/acsnano.0c04596	RA_2020_0730_BackToNormal_IDO - UVC PUBLICATION (2020).pdf
6/12/2020	Industry Research	VIDEO	Center for Radiological Research	Far-UVC light to limit airborne viral transmission / June 12, 2020 Update	https://youtu.be/KPue33YkXto	N/A
4/9/2020	Industry Research	ARTICLE	Edison Report	Seoul Viosys' Violeds Technology, With Proven 99.9% Sterilization of New Coronavirus (COVID-19) in 30 Seconds, Now Adopted for Automotive Indoor Sterilization Solution	https://edisonreport.com/seoul-viosys-violeds-technology-with-proven-99-9-sterilization-of-new-coronavirus-covid-19-in-30-seconds-now-adopted-for-automotive-indoor-sterilization-solution/	RA_2020_0409_Seoul_Viosys_Article S Korea.docx
4/7/2020	Industry Research	STUDY	Kobe University "April Study"	Repetitive irradiation with 222nm UVC shown to be non-carcinogenic and safe for sterilizing human skin.	https://www.kobe-u.ac.jp/research_at_kobe_en/NEWS/collaborations/2020_04_07_01.html	RS_2020_April7_Repetitive irradiation with 222nm UVResearch at Kobe on UVC safety and effecacy.pdf
3/18/2020	Industry Research	ARTICLE	Kobe University	Long-term Effects of 222-nm ultraviolet radiation C Sterilizing Lamps on Mice Susceptible to UV Radiation	N/A	RA_2020_Mar18_UVC 222 nm radiation impact study by Kobe University.pdf
2/9/2018	Industry Research	ARTICLE	Nature / Scientific Reports	A New Tool to control the spread of airborne-mediated miocrobial devices.	https://www.nature.com/articles/s41598-018-21058-w	RA_2020_Feb9_Scientific Reports Brenner Art Feb 2018.pdf
4/1/2017	Industry Research	VIDEO	Ted Talk	David Brenner: A New Weapon in the fight against superbugs	https://www.ted.com/talks/david_brenner_a_new_weapon_in_the_fight_against_superbugs	N/A
1/1/2008	Industry Research	ARTICLE	White Paper	Fluence (UV Dose) Required to Achieve Incremental Log Inactivation of Bacteria, Protozoa, Viruses and Algae	N/A	WP_2008_Jan1_180301_UVSensitivityReview_full.pdf