THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	Applied Sciences and Technology
School:	CHEMISTRY AND MATERIAL SCIENCE
Department:	INDUSTRIAL AND APPLIED CHEMISTRY
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EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	Environmental Chemistry	University Of Nairobi(Kenya)	2015
Bachelor of Science (BSc)	CHEMISTRY	MOI UNIVERSITY(Kenya)	2011
Certificate	INDUSTRIAL EFFLUENT TREATMENT	UNESCO-IHE(The Netherlands)	2017

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2017 - TO DATE	THE TECHNICAL UNIVERSITY OF KENYA	TUTORIAL FELLOW
2015 - 2016	THE TECHNICAL UNIVERSITY OF KENYA	GRADUATE ASSISTANT
2013 - 2014	SYNER-MED PHARMACEUTICALS	MEDICAL REPRESENTATIVE
2013 - 2013	WOODVALE PHARMACY LTD	MEDICAL REPRESENTATIVE
2012 - 2012	SAI PHARMACEUTICALS	MEDICAL REPRESENTATIVE

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Optimization of clobetasol propionate removal by calcium peroxide using the response surface methodology	http://www.deswater.com/vol.php?vol=151&oth=151|0|May%20|2019
Degradation of glucocorticoids in aqueous solution by dielectric barrier discharge:Kinetics,mechanisms,and degradation pathways	https://www.sciencedirect.com/science/article/pii/S1385894719311787?via%3Dihub
Degradation of glucocorticoids in aqueous solution by dielectric barrier discharge:Kinetics,mechanisms,and degradation pathways	https://www.sciencedirect.com/science/article/pii/S1385894719311787?via%3Dihub
Degradation of glucocorticoids in water by dielectric barrier discharge and dielectric barrier discharge combined with calcium peroxide: performance comparison and synergistic effects	https://onlinelibrary.wiley.com/doi/abs/10.1002/jctb.6164?af=R
Degradation of dichloroacetic acid in a novel corona discharge reactor integrated with microbubbles generation	https://www.sciencedirect.com/science/article/pii/S1383586621007292
Degradation of glucocorticoids in water by a synergistic system of peroxymonosulfate, microbubble and dielectric barrier discharges	https://www.sciencedirect.com/science/article/pii/S2214714421002622?dgcid=coauthor
Reactive Nitrogen Species Generated by Gas–Liquid Dielectric Barrier Discharge for Efficient Degradation of Perfluorooctanoic Acid from Water	https://pubs.acs.org/doi/pdf/10.1021/acs.est.1c06342
Effectiveness of chelating agent-assisted Fentonlike processes on remediation of glucocorticoid contaminated soil using chemical and biological assessment: performance comparison of CaO2 and H2O2	https://link.springer.com/content/pdf/10.1007/s11356-021-15150-4.pdf
Degradation of glucocorticoids in water by dielectric barrier discharge and dielectric barrier discharge combined with calcium peroxide: performance comparison and synergistic effects	https://onlinelibrary.wiley.com/doi/abs/10.1002/jctb.6164?af=R
Motivation of reactive oxygen and nitrogen species by a novel non-thermal plasma coupled with calcium peroxide system for synergistic removal of sulfamethoxazole in waste activated sludge	https://www.sciencedirect.com/science/article/abs/pii/S0043135422000914?via%3Dihub
Motivation of reactive oxygen and nitrogen species by a novel non-thermal plasma coupled with calcium peroxide system for synergistic removal of sulfamethoxazole in waste activated sludge	https://www.sciencedirect.com/science/article/abs/pii/S0043135422000914?via%3Dihub
Motivation of reactive oxygen and nitrogen species by a novel non-thermal plasma coupled with calcium peroxide system for synergistic removal of sulfamethoxazole in waste activated sludge	http://sciencedirect.com/science/article/abs/pii/S0043135422000914?via%3Dihub
Synergistic improvement of short-chain fatty acid production from waste activated sludge via anaerobic fermentation by combined plasma-calcium peroxide process	https://www.sciencedirect.com/science/article/pii/S0960852422010835?via%3Dihub

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
0	0	0
0	0	0

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
MEMBER	KENYA CHEMICAL SOCIETY