# Stefanos Giannakis

List of Publications by Year
in descending order



| 104 | 5,451 | 71102 | 88630 |
|---|---|---|---|
| papers | citations | 41 h-index | 70 g-index |

| 105 | 105 | 105 | 3609 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A review of the recent advances on the treatment of industrial wastewaters by Sulfate Radical-based Advanced Oxidation Processes (SR-AOPs). Chemical Engineering Journal, 2021, 406, 127083. | 12.7 | 747 |
| 2 | A review of the innovations in metal- and carbon-based catalysts explored for heterogeneous peroxymonosulfate (PMS) activation, with focus on radical vs. non-radical degradation pathways of organic contaminants. Chemical Engineering Journal, 2021, 411, 127957. | 12.7 | 458 |
| 3 | Solar disinfection is an augmentable, in situ -generated photo-Fenton reactionâ€"Part 1: A review of the mechanisms and the fundamental aspects of the process. Applied Catalysis B: Environmental, 2016, 199, 199-223. | 20.2 | 253 |
| 4 | Effect of advanced oxidation processes on the micropollutants and the effluent organic matter contained in municipal wastewater previously treated by three different secondary methods. Water Research, 2015, 84, 295-306. | 11.3 | 174 |
| 5 | Solar disinfection is an augmentable, in situ-generated photo-Fenton reactionâ€"Part 2: A review of the applications for drinking water and wastewater disinfection. Applied Catalysis B: Environmental, 2016, 198, 431-446. | 20.2 | 160 |
| 6 | Solar photo-Fenton disinfection of 11 antibiotic-resistant bacteria (ARB) and elimination of representative AR genes. Evidence that antibiotic resistance does not imply resistance to oxidative treatment. Water Research, 2018, 143, 334-345. | 11.3 | 133 |
| 7 | Iron oxide-mediated semiconductor photocatalysis vs. heterogeneous photo-Fenton treatment of viruses in wastewater. Impact of the oxide particle size.. Journal of Hazardous Materials, 2017, 339, 223-231. | 12.4 | 111 |
| 8 | Solar-assisted bacterial disinfection and removal of contaminants of emerging concern by Fe2+-activated HSO5- vs. S2O82- in drinking water. Applied Catalysis B: Environmental, 2019, 248, 62-72. | 20.2 | 100 |
| 9 | A review of the concepts, recent advances and niche applications of the (photo) Fenton process, beyond water/wastewater treatment: Surface functionalization, biomass treatment, combatting cancer and other medical uses. Applied Catalysis B: Environmental, 2019, 248, 309-319. | 20.2 | 99 |
| 10 | An innovative, highly stable Ag/ZIF-67@GO nanocomposite with exceptional peroxymonosulfate (PMS) activation efficacy, for the destruction of chemical and microbiological contaminants under visible light. Journal of Hazardous Materials, 2021, 413, 125308. | 12.4 | 98 |
| 11 | A green solar photo-Fenton process for the elimination of bacteria and micropollutants in municipal wastewater treatment using mineral iron and natural organic acids. Applied Catalysis B: Environmental, 2017, 219, 538-549. | 20.2 | 96 |
| 12 | Light-Assisted Advanced Oxidation Processes for the Elimination of Chemical and Microbiological Pollution of Wastewaters in Developed and Developing Countries. Molecules, 2017, 22, 1070. | 3.8 | 93 |
| 13 | Intensification of persulfate-mediated elimination of bisphenol A by a spinel cobalt ferrite-anchored g-C3N4S-scheme photocatalyst: Catalytic synergies and mechanistic interpretation. Separation and Purification Technology, 2022, 285, 120313. | 7.9 | 89 |
| 14 | Micropollutant degradation, bacterial inactivation and regrowth risk in wastewater effluents: Influence of the secondary (pre)treatment on the efficiency of Advanced Oxidation Processes. Water Research, 2016, 102, 505-515. | 11.3 | 81 |
| 15 | Acetaminophen degradation by a synergistic peracetic acid/UVC-LED/Fe(II) advanced oxidation process: Kinetic assessment, process feasibility and mechanistic considerations. Chemosphere, 2021, 263, 128119. | 8.2 | 80 |
| 16 | Effect of Î¼M Fe addition, mild heat and solar UV on sulfate radical-mediated inactivation of bacteria, viruses, and micropollutant degradation in water. Water Research, 2018, 140, 220-231. | 11.3 | 79 |
| 17 | Effect of Fe(II)/Fe(III) species, pH, irradiance and bacterial presence on viral inactivation in wastewater by the photo-Fenton process: Kinetic modeling and mechanistic interpretation. Applied Catalysis B: Environmental, 2017, 204, 156-166. | 20.2 | 77 |
| 18 | Bacterial disinfection by the photo-Fenton process: Extracellular oxidation or intracellular photo-catalysis?. Applied Catalysis B: Environmental, 2018, 227, 285-295. | 20.2 | 75 |

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|---|---|---|---|
| 19 | Enhanced mineralization of atrazine by surface induced hydroxyl radicals over light-weight granular mixed-quartz sands with ozone. Water Research, 2019, 149, 136-148. | 11.3 | 70 |
| 20 | Detrimental vs. beneficial influence of ions during solar (SODIS) and photo-Fenton disinfection of E. coli in water: (Bi)carbonate, chloride, nitrate and nitrite effects. Applied Catalysis B: Environmental, 2020, 270, 118877. | 20.2 | 64 |
| 21 | Radical-based degradation of sulfamethoxazole via UVA/PMS-assisted photocatalysis, driven by magnetically separable Fe3O4@CeO2@BiOI nanospheres. Separation and Purification Technology, 2021, 267, 118665. | 7.9 | 64 |
| 22 | Solar photo-Fenton and UV/H 2 O 2 processes against the antidepressant Venlafaxine in urban wastewaters and human urine. Intermediates formation and biodegradability assessment. Chemical Engineering Journal, 2017, 308, 492-504. | 12.7 | 63 |
| 23 | FeOx magnetization enhancing E. coli inactivation by orders of magnitude on Ag-TiO2 nanotubes under sunlight. Applied Catalysis B: Environmental, 2017, 202, 438-445. | 20.2 | 57 |
| 24 | Analogies and differences among bacterial and viral disinfection by the photo-Fenton process at neutral pH: a mini review. Environmental Science and Pollution Research, 2018, 25, 27676-27692. | 5.3 | 57 |
| 25 | Photocatalytic activation of peroxymonosulfate (PMS) by novel mesoporous Ag/ZnO@NiFe2O4 nanorods, inducing radical-mediated acetaminophen degradation under UVA irradiation. Chemosphere, 2021, 277, 130271. | 8.2 | 55 |
| 26 | Remarkable enhancement of bacterial inactivation in wastewater through promotion of solar photo-Fenton at near-neutral pH by natural organic acids. Applied Catalysis B: Environmental, 2017, 205, 219-227. | 20.2 | 54 |
| 27 | Castles fall from inside: Evidence for dominant internal photo-catalytic mechanisms during treatment of Saccharomyces cerevisiae by photo-Fenton at near-neutral pH. Applied Catalysis B: Environmental, 2016, 185, 150-162. | 20.2 | 53 |
| 28 | Natural iron ligands promote a metal-based oxidation mechanism for the Fenton reaction in water environments. Journal of Hazardous Materials, 2020, 393, 122413. | 12.4 | 53 |
| 29 | A novel CuO/Fe2O3/ZnO composite for visible-light assisted photocatalytic oxidation of Bisphenol A: Kinetics, degradation pathways, and toxicity elimination. Separation and Purification Technology, 2020, 242, 116821. | 7.9 | 52 |
| 30 | A review of heavy metalsâ€™ removal from aqueous matrices by Metal-Organic Frameworks (MOFs): State-of-the art and recent advances. Journal of Environmental Chemical Engineering, 2022, 10, 107394. | 6.7 | 51 |
| 31 | Impressive strides in antibacterial performance amelioration of Ti-based implants via plasma electrolytic oxidation (PEO): A review of the recent advancements. Chemical Engineering Journal, 2022, 441, 136003. | 12.7 | 50 |
| 32 | Insight on the photocatalytic bacterial inactivation by co-sputtered TiO 2 â€“Cu in aerobic and anaerobic conditions. Applied Catalysis B: Environmental, 2016, 182, 277-285. | 20.2 | 49 |
| 33 | Evidence for the degradation of an emerging pollutant by a mechanism involving iso-energetic charge transfer under visible light. Applied Catalysis B: Environmental, 2018, 233, 175-183. | 20.2 | 47 |
| 34 | Improving visible light photocatalytic inactivation of E. coli by inducing highly efficient radical pathways through peroxymonosulfate activation using 3-D, surface-enhanced, reduced graphene oxide (rGO) aerogels. Chemical Engineering Journal, 2020, 396, 125189. | 12.7 | 47 |
| 35 | Supported TiO2 films deposited at different energies: Implications of the surface compactness on the catalytic kinetics.. Applied Catalysis B: Environmental, 2016, 191, 42-52. | 20.2 | 46 |
| 36 | VUV/Fe(II)/H2O2 as a novel integrated process for advanced oxidation of methyl tert-butyl ether (MTBE) in water at neutral pH: Process intensification and mechanistic aspects. Water Research, 2019, 166, 115061. | 11.3 | 45 |

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| 37 | A systematic investigation on the bactericidal transient species generated by photo-sensitization of natural organic matter (NOM) during solar and photo-Fenton disinfection of surface waters. Applied Catalysis B: Environmental, 2019, 244, 983-995. | 20.2 | 45 |
| 38 | Employing bacterial mutations for the elucidation of photo-Fenton disinfection: Focus on the intracellular and extracellular inactivation mechanisms induced by UVA and H2O2. Water Research, 2020, 182, 116049. | 11.3 | 45 |
| 39 | Visible light plays a significant role during bacterial inactivation by the photo-fenton process, even at sub-critical light intensities. Water Research, 2020, 174, 115636. | 11.3 | 44 |
| 40 | Iohexol degradation in wastewater and urine by UV-based Advanced Oxidation Processes (AOPs): Process modeling and by-products identification. Journal of Environmental Management, 2017, 195, 174-185. | 7.8 | 42 |
| 41 | Enhanced vacuum UV-based process (VUV/H2O2/PMS) for the effective removal of ammonia from water: Engineering configuration and mechanistic considerations. Journal of Hazardous Materials, 2021, 402, 123789. | 12.4 | 42 |
| 42 | Fe and Cu in humic acid extracts modify bacterial inactivation pathways during solar disinfection and photo-Fenton processes in water. Applied Catalysis B: Environmental, 2018, 235, 75-83. | 20.2 | 41 |
| 43 | Solar light and the photo-Fenton process against antibiotic resistant bacteria in wastewater: A kinetic study with a Streptomycin-resistant strain. Catalysis Today, 2018, 313, 86-93. | 4.4 | 41 |
| 44 | Solar disinfection modeling and post-irradiation response of Escherichia coli in wastewater. Chemical Engineering Journal, 2015, 281, 588-598. | 12.7 | 40 |
| 45 | Shedding light on the catalytic synergies between Fe(II) and PMS in vacuum UV (VUV/Fe/PMS) photoreactors for accelerated elimination of pharmaceuticals: The case of metformin. Chemical Engineering Journal, 2020, 400, 125896. | 12.7 | 40 |
| 46 | Monitoring the post-irradiation E. coli survival patterns in environmental water matrices: Implications in handling solar disinfected wastewater. Chemical Engineering Journal, 2014, 253, 366-376. | 12.7 | 39 |
| 47 | Superior visible light-mediated catalytic activity of a novel N-doped, Fe3O4-incorporating MgO nanosheet in presence of PMS: Imidacloprid degradation and implications on simultaneous bacterial inactivation. Applied Catalysis B: Environmental, 2022, 317, 121732. | 20.2 | 38 |
| 48 | The antagonistic and synergistic effects of temperature during solar disinfection of synthetic secondary effluent. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 280, 14-26. | 3.9 | 37 |
| 49 | Wastewater and urine treatment by UVC-based advanced oxidation processes: Implications from the interactions of bacteria, viruses, and chemical contaminants. Chemical Engineering Journal, 2018, 343, 270-282. | 12.7 | 36 |
| 50 | Enhancing solar disinfection (SODIS) with the photo-Fenton or the Fe2+/peroxymonosulfate-activation process in large-scale plastic bottles leads to toxicologically safe drinking water. Water Research, 2020, 186, 116387. | 11.3 | 36 |
| 51 | Elucidating bacterial regrowth: Effect of disinfection conditions in dark storage of solar treated secondary effluent. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 290, 43-53. | 3.9 | 35 |
| 52 | Heterogeneous catalytic ozonation and peroxone-mediated removal of Acetaminophen using natural and modified hematite-rich soil, as efficient and environmentally friendly catalysts. Applied Catalysis B: Environmental, 2022, 301, 120786. | 20.2 | 35 |
| 53 | Comparative effect of growth media on the monitoring of E. coli inactivation and regrowth after solar and photo-Fenton treatment. Chemical Engineering Journal, 2017, 313, 109-120. | 12.7 | 32 |
| 54 | A continuous-flow catalytic process with natural hematite-alginate beads for effective water decontamination and disinfection: Peroxymonosulfate activation leading to dominant sulfate radical and minor non-radical pathways. Chemical Engineering Journal, 2021, 411, 127738. | 12.7 | 32 |

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| 55 | Synthesis of a novel, ternary AgI/CeO2@g-C3N4 nanocomposite with exceptional stability and reusability for visible light-assisted photocatalytic reduction of hexavalent chromium. Applied Surface Science, 2021, 555, 149692. | 6.1 | 32 |
| 56 | Ultrasound enhancement of near-neutral photo-Fenton for effective E. coli inactivation in wastewater. Ultrasonics Sonochemistry, 2015, 22, 515-526. | 8.2 | 31 |
| 57 | Catalytic ozonation of Acetaminophen with a magnetic, Cerium-based Metal-Organic framework as a novel, easily-separable nanocomposite. Chemical Engineering Journal, 2022, 434, 134614. | 12.7 | 30 |
| 58 | Photoinduced disinfection in sunlit natural waters: Measurement of the second order inactivation rate constants between E.Âcoli and photogenerated transient species. Water Research, 2018, 147, 242-253. | 11.3 | 29 |
| 59 | Efficient photocatalytic degradation of ciprofloxacin under UVA-LED, using S,N-doped MgO nanoparticles: Synthesis, parametrization and mechanistic interpretation. Journal of Molecular Liquids, 2021, 324, 114831. | 4.9 | 29 |
| 60 | Impact of different light intermittence regimes on bacteria during simulated solar treatment of secondary effluent: Implications of the inserted dark periods. Solar Energy, 2013, 98, 572-581. | 6.1 | 28 |
| 61 | Unfolding the action mode of light and homogeneous vs. heterogeneous photo-Fenton in bacteria disinfection and concurrent elimination of micropollutants in urban wastewater, mediated by iron oxides in Raceway Pond Reactors. Applied Catalysis B: Environmental, 2020, 263, 118158. | 20.2 | 28 |
| 62 | Kinetic modeling of lag times during photo-induced inactivation of E.Âcoli in sunlit surface waters: Unraveling the pathways of exogenous action. Water Research, 2019, 163, 114894. | 11.3 | 26 |
| 63 | Insights into the Photocatalytic Bacterial Inactivation by Flower-Like Bi2WO6 under Solar or Visible Light, Through in Situ Monitoring and Determination of Reactive Oxygen Species (ROS). Water (Switzerland), 2020, 12, 1099. | 2.7 | 26 |
| 64 | Temperature-dependent change of light dose effects on E. coli inactivation during simulated solar treatment of secondary effluent. Chemical Engineering Science, 2015, 126, 483-487. | 3.8 | 24 |
| 65 | Environmental considerations on solar disinfection of wastewater and the subsequent bacterial (re)growth. Photochemical and Photobiological Sciences, 2015, 14, 618-625. | 2.9 | 24 |
| 66 | Evaluation of the effectiveness, safety, and feasibility of 9 potential biocides to disinfect acidic landfill leachate from algae and bacteria. Water Research, 2021, 191, 116801. | 11.3 | 24 |
| 67 | Phototransformation of Acesulfame K in surface waters: Comparison of two techniques for the measurement of the second-order rate constants of indirect photodegradation, and modelling of photoreaction kinetics. Chemosphere, 2017, 186, 185-192. | 8.2 | 23 |
| 68 | Decrypting the photocatalytic bacterial inactivation of hierarchical flower-like Bi2WO6 microspheres induced by surface properties: Experimental studies and ab initio calculations. Chemical Engineering Journal, 2022, 427, 131768. | 12.7 | 23 |
| 69 | Evaluation of process influencing factors, degradation products, toxicity evolution and matrix-related effects during electro-Fenton removal of piroxicam from waters. Journal of Environmental Chemical Engineering, 2019, 7, 103400. | 6.7 | 21 |
| 70 | Development of a VUV-UVC/peroxymonosulfate, continuous-flow Advanced Oxidation Process for surface water disinfection and Natural Organic Matter elimination: Application and mechanistic aspects. Journal of Hazardous Materials, 2021, 408, 124634. | 12.4 | 21 |
| 71 | SODIS potential: A novel parameter to assess the suitability of solar water disinfection worldwide. Chemical Engineering Journal, 2021, 419, 129889. | 12.7 | 20 |
| 72 | Self-Sterilizing Sputtered Films for Applications in Hospital Facilities. Molecules, 2017, 22, 1074. | 3.8 | 19 |

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| 73 | A novel proposition for a citrate-modified photo-Fenton process against bacterial contamination of microalgae cultures. Applied Catalysis B: Environmental, 2020, 265, 118615. | 20.2 | 19 |
| 74 | Investigating the Electrocoagulation Treatment of Landfill Leachate by Iron/Graphite Electrodes: Process Parameters and Efficacy Assessment. Water (Switzerland), 2022, 14, 205. | 2.7 | 19 |
| 75 | Modeling and treatment optimization of pharmaceutically active compounds by the photo-Fenton process: The case of the antidepressant Venlafaxine. Journal of Environmental Chemical Engineering, 2017, 5, 818-828. | 6.7 | 18 |
| 76 | Nitrate in Groundwater Resources of Hormozgan Province, Southern Iran: Concentration Estimation, Distribution and Probabilistic Health Risk Assessment Using Monte Carlo Simulation. Water (Switzerland), 2022, 14, 564. | 2.7 | 18 |
| 77 | Enhancing solar disinfection of water in PET bottles by optimized in-situ formation of iron oxide films. From heterogeneous to homogeneous action modes with H2O2 vs. O2 â€“ Part 1: Iron salts as oxide precursors. Chemical Engineering Journal, 2019, 358, 211-224. | 12.7 | 17 |
| 78 | Identifying the mediators of intracellular E. coli inactivation under UVA light: The (photo) Fenton process and singlet oxygen. Water Research, 2022, 221, 118740. | 11.3 | 17 |
| 79 | Deriving an É‘-Fe2O3/g-C3N4 nanocomposite from a naturally hematite-rich soil, for dual photocatalytic and photo-Fenton degradation of Acetaminophen under visible light. Separation and Purification Technology, 2022, 299, 121723. | 7.9 | 16 |
| 80 | A meta-analysis of the scientific literature on (photo)Fenton and persulfate advanced oxidation processes: Where do we stand and where are we heading to?. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100456. | 5.9 | 14 |
| 81 | Development of a percarbonate-enhanced Vacuum UV process for simultaneous fluoroquinolone antibiotics removal and fecal bacteria inactivation under a continuous flow mode of operation. Chemical Engineering Journal, 2022, 431, 134064. | 12.7 | 14 |
| 82 | Improving ferrate disinfection and decontamination performance at neutral pH by activating peroxymonosulfate under solar light. Chemical Engineering Journal, 2022, 450, 137904. | 12.7 | 14 |
| 83 | Monitoring Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) Levels in Mixed-Use Residential-Commercial Buildings in Shiraz, Iran: Assessing the Carcinogenicity and Non-Carcinogenicity Risk of Their Inhabitants. International Journal of Environmental Research and Public Health, 2022, 19, 723. | 2.6 | 13 |
| 84 | Light wavelength-dependent E. coli survival changes after simulated solar disinfection of secondary effluent. Photochemical and Photobiological Sciences, 2015, 14, 2238-2250. | 2.9 | 12 |
| 85 | Effect of reactor material and its reuse on photo-Fenton process efficiency at near-neutral pH: Alterations in E. coli inactivation and resorcinol degradation kinetics in water. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 344, 228-237. | 3.9 | 12 |
| 86 | Supported PtxPd1-x bimetallic nanoparticles on ionic liquid-functionalized SiO2@graphene oxide nanocomposite and its application as an effective multiphasic catalyst. Applied Catalysis A: General, 2019, 579, 30-43. | 4.3 | 12 |
| 87 | E. coli â€“ MS2 bacteriophage interactions during solar disinfection of wastewater and the subsequent post-irradiation period. Chemical Engineering Journal, 2019, 359, 1224-1233. | 12.7 | 11 |
| 88 | Decrypting the synergistic action of the Fenton process and biochar addition for sustainable remediation of real technogenic soil from PAHs and heavy metals. Environmental Pollution, 2022, 303, 119096. | 7.5 | 11 |
| 89 | Solar Disinfection as a Water Treatment Technology. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-16. | 0.1 | 9 |
| 90 | Investigation of the Presence Volatile Organic Compounds (BTEX) in the Ambient Air and Biogases Produced by a Shiraz Landfill in Southern Iran. Sustainability, 2022, 14, 1040. | 3.2 | 8 |

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| 91 | The efficacy of the VUV/O3 process run in a continuous-flow fluidized bed reactor for simultaneous elimination of favipiravir and bacteria in aqueous matrices. Chemosphere, 2022, 304, 135307. | 8.2 | 8 |
| 92 | New evidence for disinfection, self-cleaning and pollutant degradation mediated by GF-TiO 2 -Cu mats under solar/visible light in mild oxidative conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 351-363. | 3.9 | 7 |
| 93 | Predicting the bactericidal efficacy of solar disinfection (SODIS): from kinetic modeling of in vitro tests towards the in silico forecast of E. coli inactivation. Chemical Engineering Journal, 2022, 427, 130866. | 12.7 | 7 |
| 94 | Degradation of the antiviral remdesivir by a novel, continuous-flow, helical-baffle incorporating VUV/UVC photoreactor: Performance assessment and enhancement by inorganic peroxides. Separation and Purification Technology, 2022, 298, 121665. | 7.9 | 7 |
| 95 | Enhancing solar disinfection of water in PET bottles by optimized in-situ formation of iron oxide films. From heterogeneous to homogeneous action modes with H2O2 vs. O2 â€“ Part 2: Direct use of (natural) iron oxides. Chemical Engineering Journal, 2019, 360, 1051-1062. | 12.7 | 6 |
| 96 | Vacuum UV pre-treatment coupled with self-generated peroxide stimulation of biomass: An innovative hybrid system for detoxification and mineralization of toxic compounds. Chemosphere, 2022, 286, 131701. | 8.2 | 6 |
| 97 | Urban and Industrial Wastewater Disinfection and Decontamination by Advanced Oxidation Processes (AOPs): Current Issues and Future Trends. Water (Switzerland), 2021, 13, 560. | 2.7 | 4 |
| 98 | Persulfate Application for Landfill Leachate Treatment: Current Status and Challenges. Chemistry in the Environment, 2022, , 252-288. | 0.4 | 4 |
| 99 | Complex Treatment for the Disposal and Utilization of Process Wastewaters of the Pharmaceutical Industry. Periodica Polytechnica: Chemical Engineering, 2017, , . | 1.1 | 3 |
| 100 | Mechanistic modelling of solar disinfection (SODIS) kinetics of Escherichia coli, enhanced with H2O2 â€“ part 1: The dark side of peroxide. Chemical Engineering Journal, 2022, 439, 135709. | 12.7 | 3 |
| 101 | Mechanistic modelling of solar disinfection (SODIS) kinetics of Escherichia coli, enhanced with H2O2 â€“ Part 2: Shine on you, crazy peroxide. Chemical Engineering Journal, 2022, 439, 135783. | 12.7 | 2 |
| 102 | Creativity and Innovation Skills in University STEM Education: The CHET Project Approach. , 0, , . | | 1 |
| 103 | Iron-coated polymer films with high antibacterial activity under indoor and outdoor light, prepared by different facile pre-treatment and deposition methods. Applied Catalysis B: Environmental, 2019, 243, 161-174. | 20.2 | 0 |
| 104 | Solar Disinfection as a Water Treatment Technology. Encyclopedia of the UN Sustainable Development Goals, 2022, , 563-578. | 0.1 | 0 |