

# Tipu Sultan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11297188/publications.pdf>

Version: 2024-02-01

9  
papers

92  
citations

1307594

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1588992

8  
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9  
all docs

9  
docs citations

9  
times ranked

66  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Nonlinear response topology optimization using equivalent static loads” case studies. Engineering Optimization, 2017, 49, 252-268.  | 2.6 | 17        |
| 2 | Numerical study of the effects of lamp configuration and reactor wall roughness in an open channel water disinfection UV reactor. Chemosphere, 2016, 155, 170-179.                  | 8.2 | 16        |
| 3 | Numerical study of the effects of surface roughness on water disinfection UV reactor. Chemosphere, 2016, 148, 108-117.  | 8.2 | 15        |
| 4 | Impact of asymmetric lamp positioning on the performance of a closed-conduit UV reactor. Ain Shams Engineering Journal, 2017, 8, 225-235.   | 6.1 | 12        |
| 5 | Optimization of a UV/H <sub>2</sub> O <sub>2</sub> AOP System Using Scavenger Radicals and Response Surface Methodology. Chemical Engineering Communications, 2016, 203, 1093-1104. | 2.6 | 9         |
| 6 | Methodology considering surface roughness in UV water disinfection reactors. Chemical Papers, 2016, 70, .   | 2.2 | 8         |
| 7 | The flow separation delay in the boundary layer by induced vortices. Journal of Visualization, 2017, 20, 251-261.   | 1.8 | 8         |
| 8 | Optimization of lamp arrangement in a closed-conduit UV reactor based on a genetic algorithm. Water Science and Technology, 2016, 73, 2526-2543.                                    | 2.5 | 7         |
| 9 | Design and optimization of open-channel water ultraviolet disinfection reactor. Chemical Papers, 2019, 73, 1423-1436.   | 2.2 | 0         |