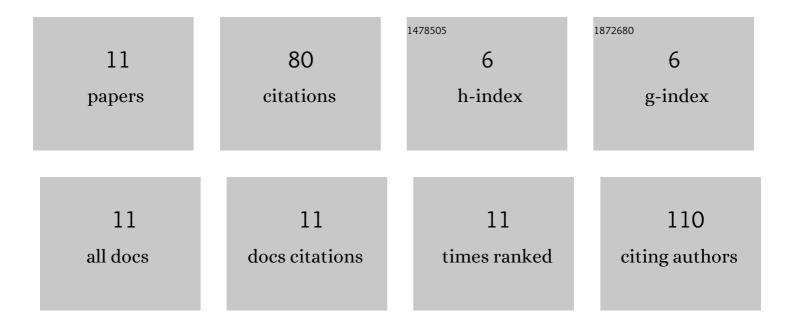
## Mahmood Barangi

List of Publications by Year in descending order

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MAHMOOD BARANCI

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Straintronics-based magnetic tunneling junction: Dynamic and static behavior analysis and material investigation. Applied Physics Letters, 2014, 104, .         | 3.3 | 18        |
| 2  | Straintronics: A leap toward ultimate energy efficiency of magnetic random access memories. IEEE<br>Nanotechnology Magazine, 2015, 9, 15-24.                    | 1.3 | 16        |
| 3  | Straintronics-Based True Random Number Generator for High-Speed and Energy-Limited Applications.<br>IEEE Transactions on Magnetics, 2016, 52, 1-9.              | 2.1 | 14        |
| 4  | Straintronics-Based Random Access Memory as Universal Data Storage Devices. IEEE Transactions on Magnetics, 2015, 51, 1-8.                                      | 2.1 | 13        |
| 5  | Effect of temperature variations and thermal noise on the static and dynamic behavior of straintronics devices. Journal of Applied Physics, 2015, 118, .        | 2.5 | 7         |
| 6  | Towards developing a compact model for magnetization switching in straintronics magnetic random access memory devices. Journal of Applied Physics, 2016, 120, . | 2.5 | 6         |
| 7  | Design and analysis of a terahertz SSPP switch using piezoelectric materials. , 2015, , .   |     | 3         |
| 8  | A continuous-time sigma-delta ADC with tunable pass-band for multi-standard applications. , 2013, , .   |     | 2         |
| 9  | Ultra low-power filter bank for hearing aid speech processor. , 2012, , .   |     | 1         |
| 10 | Modeling of temperature dependency of magnetization in straintronics memory devices. , 2015, , .  |     | 0         |
| 11 | Analysis, modeling, and applications of the straintronics devices for the future spin-based integrated circuits 2016  |     | 0         |