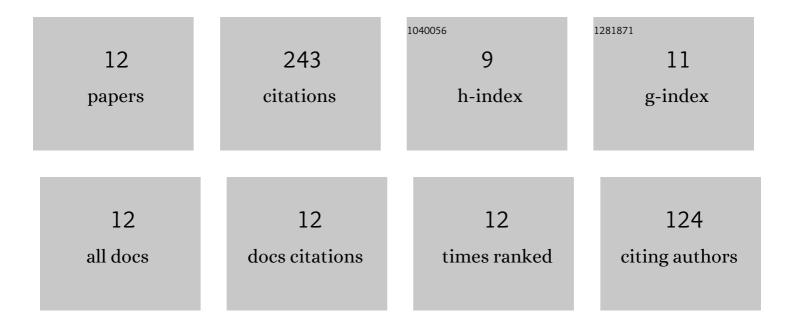
## Ravendra Gundlapalli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9872899/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effect of channel dimensions of serpentine flow fields on the performance of a vanadium redox flow battery. Journal of Energy Storage, 2019, 23, 148-158.	8.1	41
2	Effective splitting of serpentine flow field for applications in large-scale flow batteries. Journal of Power Sources, 2021, 487, 229409.	7.8	34
3	Effect of electrode compression and operating parameters on the performance of large vanadium redox flow battery cells. Journal of Power Sources, 2019, 427, 231-242.	7.8	33
4	Performance characteristics of several variants of interdigitated flow fields for flow battery applications. Journal of Power Sources, 2020, 467, 228225.	7.8	32
5	Stack Design Considerations for Vanadium Redox Flow Battery. INAE Letters, 2018, 3, 149-157.	1.0	25
6	Effect of electrolyte convection velocity in the electrode on the performance of vanadium redox flow battery cells with serpentine flow fields. Journal of Energy Storage, 2020, 30, 101516.	8.1	24
7	Power and Energy Rating Considerations in Integration of Flow Battery with Solar PV and Residential Load. Batteries, 2021, 7, 62.	4.5	15
8	Case studies of operational failures of vanadium redox flow battery stacks, diagnoses and remedial actions. Journal of Energy Storage, 2021, 33, 102078.	8.1	13
9	Characterization and scale-up of serpentine and interdigitated flow fields for application in commercial vanadium redox flow batteries. Journal of Power Sources, 2022, 542, 231812.	7.8	10
10	Comparative Study of Kilowatt-Scale Vanadium Redox Flow Battery Stacks Designed with Serpentine Flow Fields and Split Manifolds. Batteries, 2021, 7, 30.	4.5	9
11	Dataset on performance of large-scale vanadium redox flow batteries with serpentine flow fields. Data in Brief, 2021, 35, 106835.	1.0	4
12	Characteristics of an Indigenously Developed 1ÂKW Vanadium Redox Flow Battery Stack. Springer Proceedings in Energy, 2021, , 923-929.	0.3	3