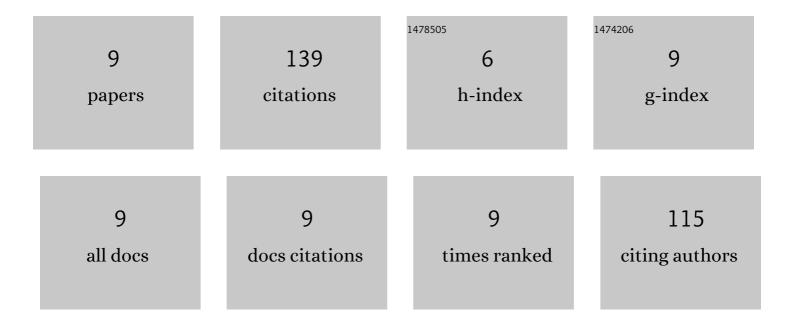
Durga Sankar Vavilapalli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6920050/publications.pdf

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#	Article	IF	CITATIONS
1	Multifunctional brownmillerite KBiFe2O5: Structural, magneto-dielectric, optical, photoelectrochemical studies and enhanced photocatalytic activity over perovskite BiFeO3. Solar Energy Materials and Solar Cells, 2019, 200, 109940.	6.2	30
2	Photoactive Brownmillerite Multiferroic KBiFe ₂ O ₅ and Its Potential Application in Sunlight-Driven Photocatalysis. ACS Omega, 2018, 3, 16643-16650.	3.5	29
3	g-C3N4/Ca2Fe2O5 heterostructures for enhanced photocatalytic degradation of organic effluents under sunlight. Scientific Reports, 2021, 11, 19639.	3.3	29
4	Nitrogen Incorporated Photoactive Brownmillerite Ca2Fe2O5 for Energy and Environmental Applications. Scientific Reports, 2020, 10, 2713.	3.3	20
5	Thermally Modified Iron-Inserted Calcium Phosphate for Magnetic Hyperthermia in an Acceptable Alternating Magnetic Field. Journal of Physical Chemistry B, 2019, 123, 5506-5513.	2.6	18
6	Enhanced photo-fenton and photoelectrochemical activities in nitrogen doped brownmillerite KBiFe2O5. Scientific Reports, 2022, 12, 5111.	3.3	7
7	Growth of brownmillerite Ca2Fe2O5 single crystals under air, oxygen and argon atmospheres using optical floating zone technique: a comparative study. Bulletin of Materials Science, 2022, 45, 1.	1.7	3
8	Nitrogen-Ion Implantation Induced Bandgap Tailoring in Multifunctional Brownmillerite KBiFe2O5. ECS Journal of Solid State Science and Technology, 2021, 10, 061010.	1.8	2
9	Electrochemical properties of brownmillerite structured KBiFe2O5. Applied Surface Science Advances, 2021, 6, 100162.	6.8	1