Number	Description	Reference	Title	Number of authors	IF	Organizational Unit
1.	K. Ranjeesh, … T. Škorjanc et al.	*Advanced energy materials* 14, 2303068 (2024)	An in situ proton filter covalent organic framework catalyst for highly efficient aqueous electrochemical ammonia production	10	24.4	Materials Research Laboratory
2.	R. Villareal, …. T. Saha, G. Deninno et al.,	*ACS nano* 18, 17815-17825 (2024)	Achieving High Substitutional Incorporation in Mn-Doped Graphene	23	15.8	Laboratory of Quantum Optics
3.	C. Feng… A. Mavrič, M. Valant et al.	Nature communications 15, 6436 (2024)	Understanding the in-situ transformation of CuxO interlayers to increase the water splitting efficiency in NiO/n-Si photoanodes	8	14.7	Materials Research Laboratory
4.	L. Foglia …., G. Deninno et al.,	*Nature Communications* 15, 10742 (2024)	Nanoscal polarization treansient grating	29	14.7	Laboratory of Quantum Optics
5.	H. Xiao, …. A. Mavrič et al.	*Advanced science* 11, 2401973 (2024)	Tunable emissive CsPbBr3/Cs4PbBr6 quantum dots engineered by discrete phase transformation for enhanced photogating in field-effect phototransistors.	12	14.3	Materials Research Laboratory
6.	M. Savadkoohi,….G. Močnik et al	*Environment international* 185, 108553 (2024)	Recommendations for reporting equivalent black carbon (eBC) mass concentrations based on long-term pan-European in-situ observations.	39	13.4	Center for Atmospheric Research
7.	K. Gojek,….K. Džepina, A. Podkoritnik, G. Močnik et al.	*Environment international* 189, 108787 (2024)	Annual variation of source contributions to PM10 and oxidative potential in a mountainous area with traffic, biomass burning, cement-plant and biogenic influences.	12	13.4	Center for Atmospheric Research
8.	H.T. Vu, ... N. Zabukovec Logar, N. Novak Tušar et al.	*Chemical engineering journal* 495, 153456 (2024)	Innovative microkinetic modelling-supported structure–activity analysis of Ni/ZSM-5 during vapor-phase hydrogenation of levulinic acid.	9	13,3	School of Science
9.	A. Škrjanc,…N. Zabukovec Logar et al.	*Small* 20, 2305258 (2024)	Carbonyl-Supported Coordination in Imidazolates: A Platform for Designing Porous Nickel-Based ZIFs as Heterogeneous Catalysts	7	13.0	School of Science

10.	M. Yang, ….N. Pastukhova, M. Valant, A. Mavrič et al.	*Small* 20, 2311644 (2024)	Designing atomic interface in Sb2S3/CdS	11	13.0	Materials Research Laboratory and Laboratory of Organic Matter Physics