

Ioan-Alexandru Baragau

List of Publications by Year in descending order

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7
papers

264
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Next frontiers in cleaner synthesis: 3D printed graphene-supported CeZrLa mixed-oxide nanocatalyst for CO ₂ utilisation and direct propylene carbonate production. <i>Journal of Cleaner Production</i> , 2019, 214, 606-614.	9.3	54
2	Continuous hydrothermal flow synthesis of blue-luminescent, excitation-independent nitrogen-doped carbon quantum dots as nanosensors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3270-3279.	10.3	51
3	Efficient Continuous Hydrothermal Flow Synthesis of Carbon Quantum Dots from a Targeted Biomass Precursor for On-Off Metal Ions Nanosensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2559-2569.	6.7	50
4	Continuous hydrothermal flow synthesis of S-functionalised carbon quantum dots for enhanced oil recovery. <i>Chemical Engineering Journal</i> , 2021, 405, 126631.	12.7	43
5	In-situ continuous hydrothermal synthesis of TiO ₂ nanoparticles on conductive N-doped MXene nanosheets for binder-free Li-ion battery anodes. <i>Chemical Engineering Journal</i> , 2022, 430, 132976.	12.7	33
6	Continuous hydrothermal flow synthesis of graphene quantum dots. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 949-958.	3.7	27
7	3D printed catalytic reactors for aerobic selective oxidation of benzyl alcohol into benzaldehyde in continuous multiphase flow. <i>Sustainable Materials and Technologies</i> , 2021, 30, e00329.	3.3	6