

Sebastian C Dixon

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

619
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933447

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1125743

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docs citations

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times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	n-Type doped transparent conducting binary oxides: an overview. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6946-6961.	5.5	287
2	Transforming a Simple Commercial Glue into Highly Robust Superhydrophobic Surfaces via Aerosol-Assisted Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42327-42335.	8.0	85
3	Transparent superhydrophobic PTFE films via one-step aerosol assisted chemical vapor deposition. <i>RSC Advances</i> , 2017, 7, 29275-29283.	3.6	52
4	Transparent conducting n-type ZnO:Sc δ synthesis, optoelectronic properties and theoretical insight. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7585-7597.	5.5	46
5	Low-Cost One-Step Fabrication of Highly Conductive ZnO:Cl Transparent Thin Films with Tunable Photocatalytic Properties via Aerosol-Assisted Chemical Vapor Deposition. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1408-1417.	4.3	41
6	Photocatalytic and electrically conductive transparent Cl-doped ZnO thin films via aerosol-assisted chemical vapour deposition. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12682-12692.	10.3	34
7	Computational Intelligence-Assisted Understanding of Nature-Inspired Superhydrophobic Behavior. <i>Advanced Science</i> , 2018, 5, 1700520.	11.2	19
8	Aerosol-assisted route to low-E transparent conductive gallium-doped zinc oxide coatings from pre-organized and halogen-free precursor. <i>Chemical Science</i> , 2020, 11, 4980-4990.	7.4	12
9	Luminescence behaviour and deposition of Sc ₂ O ₃ thin films from scandium(III) acetylacetonate at ambient pressure. <i>Applied Physics Letters</i> , 2018, 112, 221902.	3.3	11
10	Wafer-Scale Graphene Anodes Replace Indium Tin Oxide in Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2022, 10, 2101675.	7.3	11
11	Superhydrophobic Au/polymer nanocomposite films via AACVD/swell encapsulation tandem synthesis procedure. <i>RSC Advances</i> , 2016, 6, 31146-31152.	3.6	10
12	Reflective Silver Thin Film Electrodes from Commercial Silver(I) Triflate via Aerosol-Assisted Chemical Vapor Deposition. <i>ACS Applied Nano Materials</i> , 2018, 1, 3724-3732.	5.0	6
13	Synthesis of superhydrophobic polymer/tungsten (VI) oxide nanocomposite thin films. <i>European Journal of Chemistry</i> , 2016, 7, 139-145.	0.6	5
14	Wafer-Scale Graphene Anodes Replace Indium Tin Oxide in Organic Light-Emitting Diodes (Advanced) Tj ETQq0,0,0 rgBT /Overlock 1	7.3	11