

Michel De Keersmaecker

List of Publications by Year in descending order

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19
papers

542
citations

687363

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839539

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20
all docs

20
docs citations

20
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent Wood Smart Windows: Polymer Electrochromic Devices Based on Poly(3,4-Ethylenedioxythiophene):Poly(Styrene Sulfonate) Electrodes. <i>ChemSusChem</i> , 2018, 11, 854-863.	6.8	115
2	All Polymer Solution Processed Electrochromic Devices: A Future without Indium Tin Oxide?. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31568-31579.	8.0	54
3	Disentangling Redox Properties and Capacitance in Solution-Processed Conjugated Polymers. <i>Chemistry of Materials</i> , 2019, 31, 2971-2982.	6.7	50
4	Service life and global warming potential of chloride exposed concrete with high volumes of fly ash. <i>Cement and Concrete Composites</i> , 2017, 80, 210-223.	10.7	45
5	Adsorption of cobalt (II) 5,10,15,20-tetrakis(2-aminophenyl)-porphyrin onto copper substrates: Characterization and impedance studies for corrosion inhibition. <i>Corrosion Science</i> , 2012, 62, 73-82.	6.6	42
6	Carboxylic Acid Functionalization Yields Solvent-Resistant Organic Electrochemical Transistors. , 2019, 1, 599-605.		35
7	Branched Oligo(ether) Side Chains: A Path to Enhanced Processability and Elevated Conductivity for Polymeric Semiconductors. <i>Advanced Functional Materials</i> , 2021, 31, 2102688.	14.9	29
8	Electrochemical deposition of dodecanoate on lead in view of an environmentally safe corrosion inhibition. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 407-413.	2.5	26
9	Self Assembled Films of Porphyrins with Amine Groups at Different Positions: Influence of Their Orientation on the Corrosion Inhibition and the Electrocatalytic Activity. <i>Molecules</i> , 2012, 17, 7824-7842.	3.8	23
10	Structural effects on the charge transport properties of chemically and electrochemically doped dioxythiophene polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 683-693.	5.5	22
11	Time-lapse synchrotron X-ray diffraction to monitor conservation coatings for heritage lead in atmospheres polluted with oak-emitted volatile organic compounds. <i>Corrosion Science</i> , 2014, 82, 280-289.	6.6	18
12	The use of lead dodecanoate as an environmentally friendly coating to inhibit the corrosion of lead objects: Comparison of three different deposition methods. <i>Progress in Organic Coatings</i> , 2012, 74, 1-7.	3.9	16
13	Curious Case of BiEDOT: MALDI-TOF Mass Spectrometry Reveals Unbalanced Monomer Incorporation with Direct (Hetero)arylation Polymerization. <i>Macromolecules</i> , 2020, 53, 7253-7262.	4.8	15
14	Simple Interface Modification of Electroactive Polymer Film Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47131-47142.	8.0	14
15	Electrochemical and Surface Study of Neutralized Dodecanoic Acid on a Lead Substrate. <i>Journal of the Electrochemical Society</i> , 2014, 161, C126-C137.	2.9	11
16	A Multiplexed Microfluidic Platform for Bone Marker Measurement: A Proof-of-Concept. <i>Micromachines</i> , 2017, 8, 133.	2.9	11
17	In-situ spectroelectrochemical characterization of the electrochemical growth and breakdown of a lead dodecanoate coating on a lead substrate. <i>Talanta</i> , 2015, 132, 760-768.	5.5	7
18	Defect quantification in metal halide perovskites: the solid-state electrochemical alternative. <i>Energy and Environmental Science</i> , 2021, 14, 4840-4846.	30.8	6

#	ARTICLE	IF	CITATIONS
19	Rationalizing energy level alignment by characterizing Lewis acid/base and ionic interactions at printable semiconductor/ionic liquid interfaces. <i>Materials Horizons</i> , 2022, 9, 471-481.	12.2	3