

Fabiola Navarro-Pardo

List of Publications by Year in descending order

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28
papers

979
citations

471061

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525886

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all docs

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docs citations

28
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1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects on the Thermo-Mechanical and Crystallinity Properties of Nylon 6,6 Electrospun Fibres Reinforced with One Dimensional (1D) and Two Dimensional (2D) Carbon. <i>Materials</i> , 2013, 6, 3494-3513.	1.3	124
2	High efficiency, Pt-free photoelectrochemical cells for solar hydrogen generation based on CdTe quantum dots. <i>Nano Energy</i> , 2016, 27, 265-274.	8.2	103
3	Highly Stable Colloidal CdTe Quantum Dots Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1701468.	7.8	92
4	Near-Infrared, Heavy Metal-Free Colloidal CdTe-Core/Shell Quantum Dots. <i>Advanced Energy Materials</i> , 2018, 8, 1701432.	10.2	90
5	Optoelectronic Properties in Near-Infrared Colloidal Heterostructured Pyramidal CdTe-Core/Shell Quantum Dots. <i>Advanced Science</i> , 2018, 5, 1800656.	5.6	63
6	Structure/Property Relations in CdTe Semiconductor Nanocrystals: Opportunities in Photonics and Electronics. <i>Accounts of Chemical Research</i> , 2018, 51, 609-618.	7.6	51
7	Efficient solar-driven hydrogen generation using colloidal heterostructured quantum dots. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14079-14088.	5.2	46
8	Synergistic Effect of Plasmonic Gold Nanoparticles Decorated Carbon Nanotubes in Quantum Dots/TiO ₂ for Optoelectronic Devices. <i>Advanced Science</i> , 2020, 7, 2001864.	5.6	39
9	Highly stable photoelectrochemical cells for hydrogen production using a SnO ₂ @TiO ₂ /quantum dot heterostructured photoanode. <i>Nanoscale</i> , 2018, 10, 15273-15284.	2.8	38
10	Highly efficient and stable spray assisted nanostructured Cu ₂ S/Carbon paper counter electrode for quantum dots sensitized solar cells. <i>Journal of Power Sources</i> , 2019, 436, 226849.	4.0	36
11	Carbon Nanotube and Graphene Based Polyamide Electrospun Nanocomposites: A Review. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-16.	1.5	34
12	A colloidal heterostructured quantum dot sensitized carbon nanotube@TiO ₂ hybrid photoanode for high efficiency hydrogen generation. <i>Nanoscale Horizons</i> , 2019, 4, 404-414.	4.1	33
13	1D/2D Cobalt-Based Nano hybrids as Electrocatalysts for Hydrogen Generation. <i>Advanced Functional Materials</i> , 2020, 30, 1908467.	7.8	25
14	Nanofiber-supported CuS nanoplatelets as high efficiency counter electrodes for quantum dot-based photoelectrochemical hydrogen production. <i>Materials Chemistry Frontiers</i> , 2017, 1, 65-72.	3.2	22
15	CuS/Graphene Nanocomposite as a Transparent Conducting Oxide and Pt-Free Counter Electrode for Dye-Sensitized Solar Cells. <i>Journal of the Electrochemical Society</i> , 2019, 166, H3065-H3073.	1.3	22
16	Graphene oxide/cobalt-based nano hybrid electrodes for robust hydrogen generation. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 167-176.	10.8	21
17	Hybrid surface passivation of PbS/CdS quantum dots for efficient photoelectrochemical hydrogen generation. <i>Applied Surface Science</i> , 2020, 530, 147252.	3.1	20
18	Stearic acid as interface modifier and lubricant agent of the system: Polypropylene/calcium carbonate nanoparticles. <i>Polymer Engineering and Science</i> , 2019, 59, E279.	1.5	18

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19	Controlled synthesis of near-infrared quantum dots for optoelectronic devices. <i>Nanoscale</i> , 2017, 9, 16843-16851.	2.8	17
20	Two-dimensional functionalized hexagonal boron nitride for quantum dot photoelectrochemical hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20698-20713.	5.2	16
21	Carbon Fiber Composites of Pure Polypropylene and Maleated Polypropylene Blends Obtained from Injection and Compression Moulding. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-8.	1.2	14
22	Improvement of toughness properties of polypropylene filled with nanobentonite using stearic acid as interface modifier. <i>Journal of Composite Materials</i> , 2017, 51, 373-380.	1.2	14
23	Role of surface engineering of hybrid structure for high performance quantum dots based photoelectrochemical hydrogen generation. <i>Chemical Engineering Journal</i> , 2022, 429, 132425.	6.6	14
24	Nanofiber-Structured TiO ₂ Nanocrystals as a Scattering Layer in Dye-Sensitized Solar Cells. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, N32-N37.	0.9	10
25	Mechanical and rheological properties of polypropylene/bentonite composites with stearic acid as an interface modifier. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
26	Shear effect in beta phase induction of polypropylene in a single screw extruder. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2932-2937.	1.3	4
27	Influence of 1D and 2D Carbon Fillers and Their Functionalisation on Crystallisation and Thermomechanical Properties of Injection Moulded Nylon 6,6 Nanocomposites. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-13.	1.5	4
28	Statistical Study of Process Parameters Effects on Crystallinity of Electrospun Polyamide 6,6 Fibres. , 0, , .		0