

Aurelio Bonasera

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

538

citations

13

h-index

23

g-index

28

ext. papers

662

ext. citations

6.7

avg, IF

3.94

L-index

#	Paper	IF	Citations
28	Modification of nanocrystalline WO ₃ with a dicationic perylene bisimide: applications to molecular level solar water splitting. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4630-3	16.4	90
27	Modification of Structural and Luminescence Properties of Graphene Quantum Dots by Gamma Irradiation and Their Application in a Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25865-74	9.5	78
26	N,N'-Disubstituted Indigos as Readily Available Red-Light Photoswitches with Tunable Thermal Half-Lives. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15205-15211	16.4	59
25	Light-Activated Sensitive Probes for Amine Detection. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1914-1918	16.4	44
24	Light-Controlled Reversible Modulation of Frontier Molecular Orbital Energy Levels in Trifluoromethylated Diarylethenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 3743-3754	4.8	36
23	Layered Double Hydroxides: A Toolbox for Chemistry and Biology. <i>Crystals</i> , 2019 , 9, 361	2.3	33
22	Sensitive Assays by Nucleophile-Induced Rearrangement of Photoactivated Diarylethenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6432-6440	16.4	30
21	The supramolecular design of low-dimensional carbon nano-hybrids encoding a polyoxometalate-bis-pyrene tweezer. <i>Chemical Communications</i> , 2014 , 50, 4881-3	5.8	28
20	Fast and Efficient Microwave-Assisted Synthesis of Perylenebisimides. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5060-5063	3.2	15
19	Reversible Modulation of Elasticity in Fluoroazobenzene-Containing Hydrogels Using Green and Blue Light. <i>Macromolecular Rapid Communications</i> , 2018 , 39, 1700527	4.8	15
18	Tackling Performance Challenges in Organic Photovoltaics: An Overview about Compatibilizers. <i>Molecules</i> , 2020 , 25,	4.8	14
17	Chemical modification of carbon nanomaterials (SWCNTs, DWCNTs, MWCNTs and SWCNHs) with diphenyl dichalcogenides. <i>Nanoscale</i> , 2015 , 7, 6007-13	7.7	13
16	The effect of annealing temperature and time on synthesis of graphene thin films by rapid thermal annealing. <i>Synthetic Metals</i> , 2015 , 209, 461-467	3.6	13
15	Artificial Biosystems by Printing Biology. <i>Small</i> , 2020 , 16, e1907691	11	13
14	Perylene Derivatives As Useful SERRS Reporters, Including Multiplexing Analysis. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 28042-8	9.5	10
13	Boosting the Performance of One-Step Solution-Processed Perovskite Solar Cells Using a Natural Monoterpene Alcohol as a Green Solvent Additive. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 1813-1825	4	10
12	Gamma irradiation of graphene quantum dots with ethylenediamine: Antioxidant for ion sensing. <i>Ceramics International</i> , 2020 , 46, 23611-23622	5.1	9

11	Modulating the luminance of organic light-emitting diodes via optical stimulation of a photochromic molecular monolayer at transparent oxide electrode. <i>Nanoscale</i> , 2020 , 12, 5444-5451	7.7	8
10	Lichtaktivierte Sensoren zur empfindlichen Amindetektion. <i>Angewandte Chemie</i> , 2017 , 129, 1941-1945	3.6	7
9	Unravelling Radicals Reactivity Towards Carbon Nanotubes Manipulation/Functionalization. <i>Current Organic Chemistry</i> , 2016 , 20, 632-644	1.7	3
8	Shedding Light on Graphene Quantum Dots: Key Synthetic Strategies, Characterization Tools, and Cutting-Edge Applications. <i>Materials</i> , 2021 , 14,	3.5	3
7	Semitransparent Perovskite Solar Cells for Building Integration and Tandem Photovoltaics: Design Strategies and Challenges. <i>Solar Rrl</i> , 2100702	7.1	3
6	Efficient Microwave-Assisted Synthesis of PCBM Methanofullerenes (C60 and C70). <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1423-1427	3.2	1
5	Diarylethenes in Optically Switchable Organic Light-Emitting Diodes: Direct Investigation of the Reversible Charge Carrier Trapping Process. <i>Advanced Optical Materials</i> , 2101116	8.1	1
4	Pseudo-Planar Organic Heterojunctions by Sequential Printing of Quasi-Miscible Inks. <i>Coatings</i> , 2021 , 11, 586	2.9	1
3	Facile Synthesis of L-Cysteine Functionalized Graphene Quantum Dots as a Bioimaging and Photosensitive Agent. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
2	Superhydrophobic TiO ₂ /fluorinated polysiloxane hybrid coatings with controlled morphology for solar photocatalysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 631, 127633	5.1	0
1	Solvent-trap reaction of triazolinediones with simple alkenes: an experimental/theoretical study of thermodynamic and kinetic parameters. <i>Tetrahedron</i> , 2015 , 71, 9474-9482	2.4	