

# Habib Bouchriha

## List of Publications by Year in descending order

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times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performances of effective medium model in interpreting optical properties of polyvinylcarbazole:ZnSe nanocomposites. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	44
2	Effect of OA-ZnSe nanoparticles incorporation on the performance of PVK organic photovoltaic cells. <i>Materials Science in Semiconductor Processing</i> , 2017, 64, 115-123.	4.0	21
3	Effect of CdSe nanoparticles on the fluorescence spectra of conjugate polymer P3HT: An experimental and theoretical study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3866-3869.	2.1	18
4	Optical properties enhancement of hybrid nanocomposites thin films based on P3HT matrix and ZnO@SiO <sub>2</sub> core-shell nanoparticles. <i>Optical Materials</i> , 2020, 102, 109829.	3.6	17
5	Structural and photoluminescence properties of Al-doped zinc oxide nanoparticles synthesized in polyol. <i>Applied Surface Science</i> , 2015, 356, 998-1004.	6.1	15
6	Hole intersubband transitions in wurtzite and zinc-blende strained AlGa <sub>N</sub> /Ga <sub>N</sub> quantum wells and its interband interaction dependence. <i>International Journal of Modern Physics B</i> , 2015, 29, 1550054.	2.0	13
7	Fluorescence quenching in PVK:ZnSe nanocomposite structure. <i>Synthetic Metals</i> , 2014, 195, 102-109.	3.9	11
8	Oscillator strengths for the intersubband transitions in GaAs/InGa <sup>1</sup> As quantum wells and its strain dependence. <i>Optik</i> , 2016, 127, 4903-4908.	2.9	11
9	Energetic behavior of excitons in hybrid organic-inorganic parabolic quantum dots and its electric field dependence. <i>International Journal of Modern Physics B</i> , 2015, 29, 1550211.	2.0	10
10	Band Structure, Optical Transition, and Optical Gain of Type-II InAs(N)/GaSb Quantum Wells Laser Diodes Modeled Within 16-Band and 14-Band $\langle \text{inline-formula} \rangle \langle \text{tex-math notation="LaTeX"} \rangle \langle \text{kp} \rangle \langle \text{tex-math} \rangle \langle \text{/inline-formula} \rangle$ Model. <i>IEEE Journal of Quantum Electronics</i> , 2015, 51, 1-8.	1.9	8
11	Photogeneration process in bulk heterojunction solar cell based on quaterthiophene and CdS nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 1149-1157.	2.3	6
12	Photogeneration process in pristine sexithiophene based photovoltaic cells. <i>Organic Electronics</i> , 2010, 11, 1439-1444.	2.6	5
13	Charge and non-radiative energy transfer in P3HT-CdSe nanocomposite. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 8813-8817.	7.1	5
14	Static, Dynamic, Dielectric, and Magnetic Investigations on AnE-PVstat: PCBM Polymer Solar Cells under Open-Circuit Conditions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20706-20716.	3.1	5