

Vo-Van Truong

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

457
citations

759233

12
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Fabrication of PbS Quantum-Dot/Carbon-Nanotube Nanoarchitecture and its Significant Contribution to Near-Infrared Photon-to-Current Conversion. <i>Advanced Functional Materials</i> , 2011, 21, 4010-4018.	14.9	84
2	Gold-Poly(methyl methacrylate) Nanocomposite Films for Plasmonic Biosensing Applications. <i>Polymers</i> , 2011, 3, 1833-1848.	4.5	52
3	Electrochromic properties of sol-gel prepared hybrid transition metal oxides – A short review. <i>Journal of Science: Advanced Materials and Devices</i> , 2017, 2, 286-300.	3.1	39
4	Electrochromic properties of MoO ₃ -WO ₃ thin films prepared by a sol-gel method, in the presence of a triblock copolymer template. <i>Surface and Coatings Technology</i> , 2017, 327, 66-74.	4.8	34
5	Electrochromic Properties of Sol-Gel Synthesized Macroporous Tungsten Oxide Films Doped with Gold Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2014, 161, H276-H283.	2.9	33
6	Enhancement of current-voltage characteristics of multilayer organic light emitting diodes by using nanostructured composite films. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	29
7	Improved Electrochromic Properties of Vanadium Pentoxide Nanorods Prepared by Thermal Treatment of Sol-Gel Dip-Coated Thin Films. <i>Journal of the Electrochemical Society</i> , 2015, 162, H466-H472.	2.9	25
8	Plasmonic Modes and Optical Properties of Gold and Silver Ellipsoidal Nanoparticles by the Discrete Dipole Approximation. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-10.	2.7	21
9	Synthesis and Characterization of Ce-Doped Y ₃ Al ₅ O ₁₂ (YAG:Ce) Nanopowders Used for Solid-State Lighting. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-7.	2.7	19
10	Simulated Optical Properties of Gold Nanocubes and Nanobars by Discrete Dipole Approximation. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-9.	2.7	17
11	Enhancement of Power Efficiency and Stability of P3HT-Based Organic Solar Cells under Elevated Operating-Temperatures by Using a Nanocomposite Photoactive Layer. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-7.	2.7	16
12	Optical properties of thick metal nanohole arrays fabricated by electron-beam and nanosphere lithography. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 976-979.	1.8	14
13	Optical Absorption in Overcoats of Nanoparticle Arrays on a Metallic Substrate. <i>Plasmonics</i> , 2011, 6, 195-200.	3.4	12
14	Ultra-thin, single-layer polarization rotator. <i>AIP Advances</i> , 2016, 6, 085102.	1.3	12
15	Nanosecond polarization modulation in vanadium dioxide thin films. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	9
16	Polarization modulation by vanadium dioxide on metallic substrates. <i>Optics Communications</i> , 2018, 427, 511-516.	2.1	9
17	Gold Nanoparticle Ring and Hole Structures for Sensing Proteins and Antigen-Antibody Interactions. <i>Plasmonics</i> , 2009, 4, 201-207.	3.4	7
18	Chemical vapor doping of transparent and conductive films of carbon nanotubes. <i>Chemical Physics Letters</i> , 2012, 546, 109-114.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Nanomaterials for Light Management in Electro-Optical Devices. Journal of Nanomaterials, 2012, 2012, 1-2.	2.7	4
20	Gold Nanorods Incorporated Cathode for Better Performance of Polymer Solar Cells. Journal of Nanomaterials, 2014, 2014, 1-7.	2.7	4
21	Dichroic Optical Properties of Uniaxially Oriented Gold Nanorods in Polymer Films. Plasmonics, 2014, 9, 299-307.	3.4	3
22	Subzero Temperature Dip-Coating of Sol-Gel Vanadium Pentoxide: Effect of the Deposition Temperature on the Film Structure, Morphology, and Electrochromic Properties. Journal of Nanomaterials, 2016, 2016, 1-10.	2.7	3
23	Non-destructive quantification of alignment of nanorods embedded in uniaxially stretched polymer films. Journal of Applied Physics, 2014, 115, 114301.	2.5	2
24	Investigation of the Validity of the Universal Scaling Law on Linear Chains of Silver Nanoparticles. Journal of Nanomaterials, 2015, 2015, 1-12.	2.7	1
25	Electrochromic and electrical properties of layered and tubular vanadium pentoxide thin films. , 2015, , .		1